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Climatological Data



LOUISIANA

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	THI800AUX	79	DATE	30
LOWEST TEMPERATURE:	COVINGTON 4 NNW	13	DATE	13
GREATEST TOTAL PRECIPITATION:	SAINT JOSEPH EXP STA	4.00		
LEAST TOTAL PRECIPITATION:	NEW ORLEANS D P S 5	.42		
GREATEST 1 DAY PRECIPITATION:	SAINT JOSEPH EXP STA	2.83	DATE	20
GREATEST TOTAL SNOWFALL:	SHREVEPORT WSO AP	.7		
GREATEST DEPTH OF SNOW OR ICE:	PLAIN DEALING	T	DATE	20

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSP AVERAGE (TENTH) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.94	1.00-1.99	2.00 AND OVER	TOTAL		
							CENTRAL												
							00	06	12	18									
BATON ROUGE WSO AP	1	1.7	5.6	20++	9	20	78	85	53	57	2	3	1	1	0	0	7	-	5.1
LAKE CHARLES WSO AP	5	2.6	7.7	20++	5	17	82	84	57	69	2	2	2	0	1	0	7	60	5.5
NEW ORLEANS WSCMO AP	2	2.8	7.6	28++	27	20	76	84	56	61	2	3	3	0	0	0	8	66	5.2
SHREVEPORT WSO AP	33	0.6	7.0	18++	2	30	72	82	55	57	3	2	3	1	0	0	9	59	5.6



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Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND
INFORMATION SERVICE / NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JANUARY 1981

STATION		TEMPERATURE										PRECIPITATION														
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS				
												MAX.	MIN.	TOTAL	MAX. DEPTH ON GROUND					DATE	1.00 OR MORE	5.00 OR MORE	1.00 OR MORE			
																								ABOVE 50°	32°- 50°	BELOW 32°
NORTHWEST 01																										
COTTON VALLEY		55.6	28.4	42.0		71	25	16	13+	706	0	0	0	25	0	1.37		.66	7	.3	0		4	1	0	
LOGANSPOUT 4 ENE		58.4	31.7	45.1		75	25	19	12	611	0	0	0	19	0	1.58	- 2.88	.80	20	.0	0		3	2	0	
MINOEN		55.9	29.4M	42.7M	- 3.6	69	30+	21	18	686	0	0	0	22	0	1.49	- 3.22	.75	7	.0	0		3	1	0	
PLAIN DEALING		55.6	28.3	42.0	- 2.9	70	30	17	13+	706	0	0	0	26	0	1.33	- 2.82	.65	7	.0	T	20	3	1	0	
RED RIV VALLEY EXP STA		56.1	29.6	42.9		72	30	19	13+	680	0	0	0	24	0	1.45		.63	7				3	2	0	
SHREVEPORT WSO AP R		56.4	33.0	44.7	- 2.5	72	29	21	18	620	0	0	0	16	0	1.43	- 2.61	.65	6	.7	0		4	1	0	
DIVISION				43.2	- 3.0										1.44	- 2.97			.3							
NORTH CENTRAL 02																										
BIENVILLE 3 NE		56.1	32.0	44.1		73	29	18	12	639	0	0	0	18	0	2.90		1.73	6	.3	0		4	2	1	
CALHOUN EXP STATION		55.0	30.8	42.9	- 4.0	71	30+	18	12	677	0	0	0	21	0	1.74	- 2.99	.87	7	.0	0		4	2	0	
HOMER EXP STATION		54.9	29.1	42.0		70	30	16	13	706	0	0	0	26	0	1.54		.86	7	.0	0		3	1	0	
MONROE FAA AP		54.8	33.5	44.2	- 2.5	71	29	23	18+	635	0	0	0	16	0	1.94	- 2.67	1.01	6	T	0		4	2	1	
MONROE NLU		54.9	29.3	42.1		72	30	15	12	702	0	0	0	22	0	1.75		.86	7	T	0		4	2	0	
RUSTON-LA TECH UNIV		56.2M	29.4	42.8M	- 3.0	72	30	19	12	680	0	0	0	22	0	2.00	- 2.82	.90	7	.0	0		4	2	0	
WINNFELDO 2 W		56.4	30.6	43.5	- 4.9	74	29	16	12	660	0	0	0	18	0	1.64	- 3.59	.73	7	T	0		3	2	0	
DIVISION				43.1	- 3.6										1.93	- 2.83			T							
NORTHEAST 03																										
BASTROP		56.7	31.9	44.3	- 2.5	73	29	16	12	634	0	0	0	16	0	1.63	- 3.25	1.00	6	.0	0		2	2	1	
EPPS 6 WNW		53.2	31.5	42.4		70	30	18	12	696	0	0	0	19	0	1.80		.85	7	.0	0		3	2	0	
LAKE PROVIDENCE		52.5	31.1	41.8	- 4.2	70	30	17	12	710	0	0	0	18	0	1.89	- 3.43	.89	7	.0	0		3	2	0	
SAINT JOSEPH EXP STA		54.4	32.2	43.3	- 4.8	72	30	19	18	666	0	0	0	19	0	4.00	- .92	2.83	20	T	0		3	2	1	
TALLULAH		53.8	29.9	41.9	- 4.9	73	30	16	12	713	0	0	0	22	0	2.37	- 2.32	.97	20	.0	0		3	2	0	
WINNSBORO		55.3	30.4	42.9	- 4.7	71	30	17	12	679	0	0	0	23	0	2.04	- 3.11	.98	20	.0	0		3	2	0	
DIVISION				42.8	- 4.0										2.29	- 2.69			T							
WEST CENTRAL 04																										
ASHLAND 2 S		54.7	29.8	42.3		70	30+	15	12	700	0	0	0	19	0	2.26		1.17	7	T	0		4	2	1	
CONVERSE		57.1	29.5	43.3		72	30	20	13+	664	0	0	0	24	0	2.02		.87	20	.0	0		4	2	0	
LEESVILLE		59.3	31.3	45.3	- 4.4	75	30	17	13	607	0	0	0	21	0	1.70	- 2.99	1.06	20	.0	0		4	2	1	
MANY		57.6	29.5	43.6		75	30	18	13	657	0	0	0	23	0	2.31		1.01	20	.0	0		4	2	1	
NATCHITOCHES		54.8	31.7	43.3	- 6.1	71	30	22	13	668	0	0	0	19	0	1.93	- 2.96	.87	20	.0	0		4	2	0	
ROSEPIKE EXP STATION		57.9	32.0	45.0		74	30	17	13	613	0	0	0	20	0	1.94		1.22	20	.0	0		3	2	1	
DIVISION				43.8	- 5.2										2.03	- 2.63			T							
CENTRAL 05																										
ALEXANDRIA		57.7	32.5	45.1		73	30	20	13+	608	0	0	0	17	0	1.66		.97	20	.0	0		2	2	0	
BELAH FIRE TOWER		56.6	33.5	45.1		72	30	19	12	614	0	0	0	16	0	2.11		1.22	20	.0	0		4	2	1	
BOYCE 3 WNW		57.4	33.6	45.5		74	25	25	13+	600	0	0	0	12	0	1.76		.59	20+	.0	0		4	2	0	
BUNKIE		57.1	32.8	45.0	- 4.7	74	30	22	13+	615	0	0	0	19	0	2.66	- 2.56	1.81	7	.0	0		3	2	1	
GRAND COTEAU		58.2	35.8	47.0		73	29	20	13	549	0	0	0	11	0	1.98	- 2.83	.70	20	.0	0		4	1	0	
JONESVILLE LOCKS		55.8	32.4	44.1		74	30	20	12	641	0	0	0	17	0	1.69		.92	20	.0	0		2	2	0	
LSU OGAN LEE EXP STA		57.7	32.4	45.1		73	30	20	12	611	0	0	0	17	0	1.61		.90	20	.0	0		4	2	0	
MAMOU 4 S		59.8	40.0	49.9		75	29	25	13	460	0	0	0	4	0	1.90		.76	21	.0	0		4	2	0	
MELVILLE		57.3	32.2	44.8	- 7.0	74	30	18	13	622	0	0	0	19	0	2.17	- 3.10	1.27	20	.0	0		3	2	1	
NEW ROADS 5 ESE		58.0	33.4	45.7		76	30	17	13	589	0	0	0	14	0	2.16		.84	20	.0	0		3	3	0	
OLD RIVER LOCK		56.6	32.4	44.5		75	30	18	13	628	0	0	0	15	0	1.62		.87	20	.0	0		3	2	0	
OLLA 3 SSW		56.6	27.9	42.3		73	30	15	12	697	0	0	0	23	0	1.66		.83	7	.0	0		3	2	0	
WOODWORTH 2 SE		57.2	31.5	44.4		72	30+	21	17	636	0	0	0	18	0	1.57	- 3.45	.95	20	.0	0		3	1	0	
DIVISION				45.3	- 4.8										1.89	- 3.15			.0							
EAST CENTRAL 06																										
AMITE		59.3	32.0	45.7	- 4.8	74	30	15	13	593	0	0	0	14	0	.75		.61	7	.0	0		2	1	0	
BATON ROUGE WSO AP R		57.6	34.7	46.2	- 4.8	75	29	18	13	576	0	0	0	12	0	1.20	- 3.20	.68	6	T	0		3	1	0	
BOGALUSA		58.8	29.5	44.2	- 6.1	75	30	16	14+	640	0	0	0	21	0	.79	- 3.73	.55	7	.0	0		3	1	0	
CLINTON 5 SE		57.2	32.4	44.8	- 6.1	73	30	15	13	618	0	0	0	15	0	1.37	- 3.75	.66	7	.0	0		3	2	0	
COVINGTON 4 NWW		59.4	31.7	45.6	- 6.6	73	29	13	13	595	0	0	0	17	0	.77	- 4.04	.48	7	.0	0		3	0	0	
FRANKLINTON 3 SW		57.4	32.1	44.8		72	29+	15	13	620	0	0	0	17	0	.93		.54	6	.0	0		3	1	0	
HAMMOND 3 NW		56.9	31.5	44.2	- 8.1	70	30+	14	13	637	0	0	0	17	0	.85	- 3.73	.54	7	.0	0		3	1	0	
LSU BEN-HUR EXP STA		59.1	32.9	46.0		73	30	14	13	583	0	0	0	13	0	1.00		.48	7	.0	0		3	0	0	
SLIOELL WSO		59.4	32.0	45.7		74	26	18	13	593	0	0	0	17	0	.93		.59	7	.0	0		3	1	0	
DIVISION				45.2	- 5.9										.95	- 3.85			T							
SOUTHWEST 07																										
CROWLEY EXP STATION		57.0	34.3	45.7		73	30	21	13	594	0	0	0	15	0	2.04	- 3.13	.99	20	.0	0		2	2	0	
OE QUINCY 4 N		59.2	32.2	45.7		74	30	18	13	592	0	0	0	17	0	2.41	- 2.33	1.40	20	.0	0		4	2	1	
OE RIDGER		58.7	33.6	46.2		74	30	22	13	574	0	0	0	17	0	2.16		1.20	20	.0	0		4	2	1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JANUARY 1981

STATION	TEMPERATURE														PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS				
									MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	.10 OR MORE		
									27° OR BELOW	32° OR BELOW	37° OR BELOW	42° OR BELOW	47° OR BELOW											
ELIZABETH	58.2	33.0	45.6	- 4.4	74 30	20 13	596	0	0	0	16	0	1.93	- 2.98	1.05	20	.0	0	3	2	1			
HACKBERRY 8 SSW	58.0	39.7	48.9	- 2.5	70 30+	29 13+	494	0	0	0	5	0	2.52	- 1.62	1.23	20	.0	0	3	2	1			
JENNINGS	57.3	34.9	46.1	- 6.7	73 27	22 13	578	0	0	0	10	0	2.31	- 2.89	1.13	20	.0	0	3	2	1			
LAKE CHARLES WSO AP	57.7	37.8	47.8	- 4.5	72 29	25 13	523	0	0	0	5	0	2.06	- 1.98	1.37	19	.0	0	3	2	1			
OBERLIN FIRE TOWER	58.7	35.0	46.9		74 30	19 13	556	0	0	0	11	0	2.25		1.34	20	.0	0	3	2	1			
ROCKEFELLER WL REFUGE	58.5	38.1	48.3		72 27	25 13	511	0	0	0	6	0	1.60		.70	7	.0	0	5	1	0			
VERMILION LOCK	59.1	37.0	48.1		71 27	24 13	518	0	0	0	9	0	2.14		.89	7	.0	0	3	2	0			
DIVISION			46.9	- 4.5									2.14	- 2.54			.0							
SOUTH CENTRAL 08																								
CARVILLE 2 SW	58.9M	34.1	46.5M	- 5.8	72 30	18 13	569	0	0	0	11	0	1.53	- 2.79	.65	7	.0	0	3	2	0			
FRANKLIN 3 NW	59.0	37.1	48.1	- 5.6	70 27+	21 13	514	0	0	0	7	0	1.17	- 2.93	.50	6	.0	0	4	1	0			
JEANERETTE EXP STA	59.7	34.2	47.0		72 30	20 13	552	0	0	0	12	0	1.43	- 2.80	.71	7	.0	0	4	1	0			
LAFAYETTE FAA AP	57.2	36.0	46.6	- 5.3	72 29	21 13	560	0	0	0	9	0	1.02	- 3.71	.58	6	.0	0	4	1	0			
MORGAN CITY	59.8	33.7	46.8	- 7.5	74 30	19 13	558	0	0	0	17	0	1.50	- 2.96	.98	7	.0	0	2	1	0			
NEW IBERIA 5 NW	59.1	34.2	46.7		72 27	21 13	562	0	0	0	11	0	1.71		.85	7	.0	0	4	2	0			
DIVISION			47.0	- 5.8									1.39	- 2.95			.0							
SOUTHEAST 09																								
BOOTHVILLE WSCMO CI	57.0	40.0	48.5		71 31	24 13	504	0	0	0	4	0	1.77		.88	20	.0	0	4	1	0			
DELTA-BRETON WL REF	55.5	41.6	48.6		71 31	30 13	502	0	0	0	3	0	1.39		.78	20	.0	0	3	1	0			
DONALDSONVILLE	58.8	36.0	47.4	- 6.4	75 30	20 13	538	0	0	0	8	0	1.36		.60	7	.0	0	3	1	0			
GALLIANO	58.9	36.4	47.7		75 30	19 13	529	0	0	0	9	0	1.25		.89	20	.0	0	2	1	0			
HOUMA	59.6	35.8	47.7	- 7.5	75 31+	19 13	530	0	0	0	13	0	1.31	- 3.38	.67	7	.0	0	3	1	0			
NEW ORLEANS WSCMO AP	59.3	37.7	48.5	- 4.4	76 29	17 13	504	0	0	0	7	0	.94	- 3.59	.41	6	.0	0	3	0	0			
N O ADBON WSFO CI	60.0	40.8	50.4	- 3.4	75 29	25 13	444	0	0	0	2	0	1.20	- 3.58	.48	20	.0	0	4	0	0			
PARADIS 7 S	60.7	34.2M	47.5M		74 29	18 13	540	0	0	0	12	0	.92	- 3.98	.50	7	.0	0	2	1	0			
PLAQUEMINES EXP STA	60.0	36.2	48.1		74 29	18 13	519	0	0	0	9	0	1.37		.92	20	.0	0	2	1	0			
RESERVE	59.9	34.8	47.4	- 4.3	75 30	21 13	540	0	0	0	12	0	1.37	- 3.53	.95	7	.0	0	2	1	0			
SAINT BERNARD	60.3	35.4	47.9		74 29	17 13	523	0	0	0	13	0	.77		.51	20	.0	0	2	1	0			
THIBODAUX	58.8M	35.6	47.2M	- 7.1	79 30	23 13	550	0	0	0	12	0	.92	- 3.66	.48	7	.0	0	2	0	0			
DIVISION			48.1	- 6.2									1.21	- 3.32			.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

LOUISIANA
JANUARY 1981

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
BETHANY	1.35					.35	.34		.04												.58	.04										
BOUCAU FIRE TOWER	2.23					.81	.42		.05												.76	.16			.03							
COTTON VALLEY	1.37					.16	.66														.43	.12										
GLOSTER 1 W	1.59					.36	.46															.63	.09									
GREENWOOD FIRE TOWER	1.55					.62	.12															.59		.21								
HANNA 3 S	2.25					1.05	.04														.76	.39										
HOSSTON	1.44					.75															.10	.24										
KEITHVILLE	1.47					.26	.49		.04												.54	.12										
KORAN	1.49					.85															.58	.06										
LOGANSPOUT 4 ENE	1.58					.62	.02		.02												.11	.80	.01									
MANSFIELD 3 WSW	1.68					.15	.61		.08													.76	.08									
MARTIN FIRE TOWER	2.21					.98	.35		.04													.80	.04									
MINDEN	1.49					.22	.75		.01													.42										
MOORINGSPOUT 1 N	1.47					.30	.54		.05													.46	.07									
PLAIN DEALING	1.33					.12	.65															.47	.09									
RED RIV VALLEY EXP STA	1.45					.14	.63		.03													.58	.06									
ROBSON	1.40					.44	.41															.41	.14									
RODESSA	1.24					.15	.53															.47	.03									
SHREVEPORT DOWNTOWN	1.28					.31	.30		.05													.50	.10									
SHREVEPORT WSD AP	1.43					.65			.04													.30	.30									
SPRINGHILL	2.32						.93															1.36	.03									
NORTH CENTRAL 02																																
ANTIOCH FIRE TOWER	1.71					.85	.11		.05													.57										
BIENVILLE 3 NE	2.90					1.73			.03													.30	.60									
CALCUM EXP STATION	1.74					.18	.87		.02													.57	.10									
COLUMBIA LOCKS	2.03					.28	.84		.03													.69	.19									
HOMER EXP STATION	1.54					.16	.86		.02													.43	.05	.01								
JONESBORO FIRE TOWER	2.26					.79	.55		.14																							
MARTIN	1.31					.91																.78										
MONROE FAA AP	1.94					1.01			.02													.40										
MONROE NLU	1.75					.16	.86		.02													.54										
RUSTON	1.90					.12	1.01		.05													.52	.19									
RUSTON-LA TECH UNIV	2.00					.25	.90		.05													.50	.20									
SAILES FIRE TOWER	1.91					.93	.27															.57	.20	.03								
SPEARSVILLE FIRE TOWER	1.60					.80	.16															.64										
STERLINGTON	1.83					.15	1.08															.48	.12									
WINNFIELD 2 W	1.64					.07	.73															.70	.10									
WINDONA FIRE TOWER	2.55					.59	.54		.06													.04	1.20	.09	.03							
NORTHEAST 03																																
BASTROP	1.63					1.00	.01		.01													.61										
EPPS 6 WNW	1.80					.08	.85		.04													.61	.18	.04								
LAKE PROVIDENCE	1.89					.02	.89															.69	.29									
OAK GROVE 2 WSW	1.67					.06	.93															.50	.28									
SAINT JOSEPH EXP STA	4.00																					2.83	.17									
STEVENSON FIRE TOWER	1.41					.59	.31															.51										
TALLULAH	2.37					.03	.92		.02													.97	.43									
WINNSBORO	2.04					.05	.85		.03													.98	.12									
WEST CENTRAL 04																																
ASHLAND 2 S	2.26					.15	1.17		.09													.63	.20									
CONVERSE	2.02					.15	.85		.05													.87	.10									
GORM FINE TOWER	1.67					.22	.45															.97	.03									
GRAND ECORE	1.71					.13	.65		.03													.85	.05									
HODGES GAROENS	1.85					.16	.61		.02													1.02	.04									
LEESVILLE	1.70					.03	.52		.09																							
MANT	2.31					.27	.79		.15													1.01	.09									
NATCHITOCHES	1.93					.15	.71		.12													.87	.08									
ROSEFINE EXP STATION	1.94						.55		.10													1.22	.03									
SLAGLE	1.63					.03	.57		.05													.63	.35									
CENTRAL 05																																
ALEXANDRIA	1.66						.61		.01																							
BEAVER FIRE TOWER	1.94						.77		.09													.05	.97	.06								
BELAH FIRE TOWER	2.11					.23	.62															1.22										
BOYCE 3 WNW	1.76					.59			.01													.47	.59									
BUNKIE	2.66						1.81															.73										
ELUNICE	1.87						.47		.05																							
GRAND COTEAU	1.98					.44	.40		.07													1.26										
JONESVILLE LOCKS	1.69						.73															.23	.7									

DAILY PRECIPITATION

LOUISIANA
JANUARY 1981

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LIVERPOOL 3 ENE	1.23							.60								T				T	.42	.21										
LIVINGSTON	.89							.50								T					.24	.10										
LSU BEN-HUR EXP STA	1.00							.46								.01					.43											.05
OKNOLIA	1.19							.57		.01											.28											.23
PEARL RIVER LOCK 1	.86							.60													.23	.16										.02
																																.03
PINE GROVE FIRE TOWER	.80							.45													.35											
SHERIDAN FIRE TOWER	1.18							.55													.35	.26										.02
SLIDELL WFO	.93							.59		T											.23	T										.11
SPRINGVILLE FIRE TOWER	.89							.45													.20											.24
WATSON 3 ENE	.96							.69		.01						T					.25	.01										T
ZACHARY 2 ESE	1.20							.70		.02						T					.42	.06										I
S S S																																
SOUTHWEST 07																																
ABBEVILLE	1.83							.72		.01					.10	.09					.55											.36
CROWLEY EXP STATION	2.04							.75		.07					.04	.03					.99	.05										.09
DE QUINCY 4 N	2.41							.70		.10					.06						1.40	.05							T			.02
DE RIDDER	2.16							.67		.10											1.20	.07										.10
ELIZABETH	1.93						T	.68		.10											1.05	.04										.06
HACKBERRY 8 SSW	2.52							.68		.03					.19	.02					1.22	.01	.04	.02								.16
JENNINGS	2.31						T	.75		.06					.03	.09					1.13	.01										.22
KINDER 3 H	2.45							.60							T						1.80											.05
LAKE CHARLES 2 N	2.43							.55		.05					.05	T					1.65	.05										.08
LAKE CHARLES WSO AP	2.06						.36		.05	T					.04						1.37	.24							T			
LONGVILLE	2.32							.60		.11					.01						1.50	.02	T									.08
MERMONTAU	2.14							.63		.06					.03	.08					1.00											.34
MITTIE 2 SE	2.04							.70		.06											1.25											.03
OKMOALE	2.01							.68		.06											1.09	.02										.06
ROCKEFELLER FIRE TOWER	2.25						T	.65		.11					.03						.05	1.34						.04				.10
ROCKEFELLER HL REFUGE	1.60							.70							.34	.13					.25											.18
SUGARTOWN	2.53							.75		.09					.08						1.22											.47
SULPHUR	2.61							.63													1.80	T										.08
VERMILION LOCK	2.14							.89		T					T						.80	T										.02
VINTON	2.57							.60		.02					.06						1.78	T										.45
S S S																																.11
SOUTH CENTRAL 08																																
BATOU SORREL LOCK	1.78							.68													.37	.12										.61
BUTTE LA ROSE	1.43							.64								T					.44	.05										.30
CARVILLE 2 SW	1.53							.65		.05					.24	.02					.51											.30
FRANKLIN 3 NW	1.17						.50			.01					.04	.14				.17	.25								T			.11
JEANERETTE EXP STA	1.43							.71		.02		T									.40	.01										
LAFAYETTE FAA AP	1.02						.58		T						.03						.14	.17										
MORGAN CITY	1.50							.98		.01					T	.05					.45								.10			
NEW IBERIA 5 NW	1.71							.85		.04					.02	.10					.56	.02						T				.01
PLAQUEMINE 2 N	1.26							.50		T											.30	.09										.12
S S S																																.37
SOUTHEAST 09																																
BOOTHVILLE WSCMO CI	1.77							.33		.34					.04	.01					.02	.88							.14			.01
DELTA-BRETON HL REF	1.39							.26		.02						.04					.78	.03										
DONALDSONVILLE	1.36							.60								.06					.28	.07										.26
GALLIANO	1.25							.27		.03						.02					.89	.02										.35
GONZALES	1.09							.46								.02					.28	.04		.02								.29
HOUMA	1.31	.01						.67								.16					.46	.01										
NEW ORLEANS WSCMO AP	R 1.94						.41			T					.02	.01					.35											.14
N O ADBON WFO CI	R 1.20						.35			.02					.03					.11	.48											.17
NEW ORLEANS ALGIERS	R .56							.29													.26											
NEW ORLEANS D P S 14	R .58							.15													.29											
NEW ORLEANS WATER PLT	R .59							.41													.18											.14
NEW ORLEANS CITY HALL	R .63							.28							.01						.34											
NEW ORLEANS D P S 5	R .42							.21													.20											.01
NEW ORLEANS D P S 3	R .47							.22													.22											.03
NEW ORLEANS D P S 6	R .60							.37													.23											
PARADIS 7 S	.92							.50													.38											
PLAQUEMINES EXP STA	1.37							.43		.02					.03						.92											.01
RESERVE	1.37							.95													.37											
SAINT BERNARD	.77							.23							.03						.51		.05									
THIBODAUX	.92							.48								.03					.40											.01

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

LOUISIANA
JANUARY 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST C1																																	
COTTON VALLEY	MAX MIN	65 28	66 23	66 23	67 30	49 27	46 27	52 28	59 30	61 32	48 32	48 16	43 16	60 22	63 23	53 23	49 23	42 21	53 21	48 32	40 34	43 36	48 26	62 26	71 28	68 43	64 48	63 26	65 26	70 46	46 35	55.6 28.4	
LOGANSPOUT 4 ENE	MAX MIN	68 29	61 25	67 26	59 30	54 28	48 39	57 27	60 28	60 40	55 28	48 30	45 19	60 20	64 32	60 24	54 23	48 27	54 25	49 38	40 36	47 36	46 39	66 25	71 28	75 34	70 49	70 47	68 29	74 42	59 43	52 36	58.4 31.7
MINDEN	MAX MIN	67 28	65 27	57 28	66 29	50 25	49 27	45 27	50 28	59 29	58 35	50 34	47 22	43 23	60 30	63 25	55 25	54 23	49 21	54 24	50 33	46 33	45 38	47 27	62 31	69 29	68 45	56 42	64 30	68 29	69 44	49 34	55.9 29.4
PLAIN DEALING	MAX MIN	66 28	68 24	61 24	67 29	50 25	45 25	45 30	52 29	61 30	62 30	49 31	50 17	42 17	60 20	64 25	54 24	51 24	44 21	52 21	45 32	40 32	43 37	47 26	62 26	69 29	67 45	64 42	64 28	66 29	70 44	45 34	55.6 28.3
REG RIV VALLEY EXP STA	MAX MIN	66 31	68 25	57 25	68 31	52 26	47 27	46 29	53 29	56 31	61 30	50 50	46 19	42 19	59 24	62 26	55 25	52 25	45 21	52 22	48 35	41 34	45 37	46 28	64 28	71 31	68 40	67 49	65 30	65 30	72 44	51 35	56.1 29.6
SHREVEPORT WSO AP	MAX MIN	70 37	56 29	70 31	50 33	47 28	47 33	52 29	59 31	61 42	50 33	47 32	44 22	62 26	63 37	56 28	51 28	42 26	52 21	49 36	40 34	44 35	46 32	65 28	70 30	70 42	68 52	64 41	67 30	72 45	61 36	54 36	56.4 33.0
NORTH CENTRAL 02																																	
BIENVILLE 3 NE	MAX MIN	65 33	58 27	67 32	49 32	48 28	48 37	51 30	58 28	60 41	47 32	44 29	44 18	60 24	64 37	55 28	49 25	43 26	54 21	52 29	40 33	44 37	49 34	61 27	70 29	70 41	70 55	64 38	68 29	73 41	57 36	57 35	56.1 32.0
CALHOUN EXP STATION	MAX MIN	65 33	64 26	56 27	67 32	47 26	46 27	48 36	51 28	57 40	61 29	46 25	43 18	40 21	59 28	63 27	53 24	48 25	41 20	52 28	51 30	39 36	44 39	49 29	61 31	71 35	69 49	68 45	61 29	66 31	71 47	47 35	55.0 30.8
HOMER EXP STATION	MAX MIN	65 33	65 26	57 26	66 30	47 25	44 25	45 27	51 28	59 29	61 29	47 27	46 17	42 16	59 24	63 28	52 23	48 23	42 20	54 20	52 31	39 32	42 38	48 32	69 31	68 30	62 43	65 52	63 31	64 32	70 43	46 32	54.9 29.1
MONROE FAA AP	MAX MIN	65 32	54 28	67 29	47 30	44 26	48 38	54 37	57 32	65 43	47 36	49 33	37 23	58 25	62 35	52 31	47 27	40 24	50 18	51 30	39 37	44 39	47 40	60 32	69 32	68 43	68 51	60 41	63 32	71 40	59 36	58 35	54.8 33.5
MONROE NLU	MAX MIN	66 31	65 24	55 24	67 30	45 26	45 27	47 36	55 26	55 41	61 29	42 23	42 15	50 19	58 25	64 33	51 23	48 25	40 18	52 20	52 30	40 35	60 36	45 37	50 32	60 30	68 40	68 41	60 54	60 32	74 40	59 35	54.9 29.3
RUSTON-LA TECH UNIV	MAX MIN	67 36	66 26	57 27	69 31	47 26	46 25	46 33	58 28	62 33	53 27	45 19	42 20	59 26	63 30	54 25	50 24	45 22	53 27	51 34	39 32	44 37	48 30	64 30	70 42	68 41	68 40	68 29	72 21	50 30	56.2 29.4		
WINNFIELD 2 W	MAX MIN	67 29	63 25	66 24	57 39	50 25	50 37	53 35	56 26	58 36	49 29	41 25	41 16	59 18	62 32	57 25	53 23	44 24	51 18	47 28	40 36	43 37	49 38	60 25	70 27	72 34	69 45	63 54	67 27	74 35	60 41	58 35	56.4 30.6
NORTHEAST 03																																	
BASTROP	MAX MIN	65 35	57 29	68 28	64 29	45 25	47 36	50 35	55 28	61 40	52 28	44 24	41 16	59 25	61 31	59 30	48 25	43 30	55 22	52 21	45 37	46 33	47 38	62 34	70 35	68 34	68 46	66 54	66 31	73 35	60 40	60 35	56.7 31.9
EPSS 6 WNW	MAX MIN	65 32	63 26	54 28	66 28	44 26	44 26	49 34	47 28	53 32	60 23	47 26	41 18	35 23	56 28	61 33	48 26	46 30	39 20	50 28	54 35	40 35	45 37	48 36	58 40	66 66	69 53	57 31	64 49	70 39	44 32	53.2 31.5	
LAKE PROVIDENCE	MAX MIN	64 33	61 28	54 31	65 27	43 24	43 25	48 34	45 27	51 32	57 30	39 24	41 17	35 21	54 27	61 31	51 27	46 23	39 20	51 27	55 34	40 35	45 38	47 35	57 38	65 36	68 47	68 52	58 32	65 39	70 41	42 35	52.5 31.1
SAINT JOSEPH EXP STA	MAX MIN	66 28	62 29	58 28	64 32	46 28	49 30	53 37	48 27	52 30	57 32	44 24	39 21	37 21	54 29	60 33	58 28	49 25	44 19	50 25	52 32	42 36	44 38	48 33	60 35	64 40	67 50	69 56	60 30	65 36	72 48	57 37	54.4 32.2
TALLULAH	MAX MIN	66 33	63 28	56 31	65 27	45 24	47 25	51 36	46 24	52 28	60 30	42 22	40 16	37 19	57 24	61 31	51 27	47 23	39 18	51 23	55 30	42 36	45 37	50 32	57 30	67 36	61 45	72 53	59 29	66 34	73 43	45 36	53.8 29.9
WINNSBORO	MAX MIN	70 31	64 27	56 27	67 29	46 26	49 27	50 36	50 26	54 27	61 30	45 23	41 17	38 19	58 27	63 32	52 26	49 24	40 20	51 23	52 31	42 37	45 38	53 32	60 32	68 44	70 52	60 30	66 31	71 44	57 36	55.3 30.4	
WEST CENTRAL 04																																	
ASHLAND 2 S	MAX MIN	65 27	65 25	54 26	65 33	50 26	49 29	49 29	50 28	55 33	58 32	56 33	42 15	40 16	56 25	60 23	54 22	50 24	43 18	51 23	48 36	40 35	45 37	40 24	59 27	68 35	70 45	68 52	62 27	60 35	70 48	55 35	54.7 29.8
CONVERSE	MAX MIN	68 27	68 29	59 25	67 28	53 27	53 28	50 27	55 27	58 29	60 29	51 30	45 20	43 20	60 21	64 23	58 24	53 24	45 24	51 25	42 35	41 37	47 39	47 25	63 25	70 28	70 43	68 52	63 29	69 30	72 47	57 36	57.1 29.5
LEESVILLE	MAX MIN	71 30	68 31	61 25	69 31	58 26	57 31	54 31	57 27	60 32	63 33	56 30	45 19	47 17	59 24	65 25	61 29	56 27	47 24	55 31	43 36	42 38	46 40	48 24	63 29	72 36	73 45	70 51	62 29	70 36	75 45	64 37	59.3 31.3
MANY	MAX MIN	71 30	62 27	63 24	70 27	54 27	54 29	54 27	55 29	58 29	60 29	51 29	48 23	50 18	60 28	65 23	60 24	54 24	49 21	53 24	43 36	41 36	48 26	41 35	58 26	65 35	65 38	69 26	63 33	70 48	75 50	58 35	57.6 29.5
NATCHITOCHES	MAX MIN	67 33	67 29	57 29	65 31	50 28	58 28	48 32	51 32	52 34	57 42	47 31	41 22	39 23	57 22	62 31	56 25	50 25	43 25	48 31	41 33	39 25	44 38	48 27	60 33	69 31	69 38	65 53	59 33	62 33	71 51	57 33	54.8 31.7
ROSEPIKE EXP STATION	MAX MIN	70 30	66 35	60 28	67 31	49 28	53 30	55 29	51 29	52 31	62 32	55 32	45 21	44 17	58 23	66 32	60 31	54 27	47 27	53 30	43 36	43 37	45 39	47 26	62 28	70 33	72 46	69 49	61 34	67 48	74 37	65 36	57.9 32.0
CENTRAL 05																																	
ALEXANDRIA	MAX MIN	70 31	68 33	58 30	69 36	54 28																											

DAILY TEMPERATURES

LOUISIANA
JANUARY 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GRAND COTEAU	MAX MIN	66 38	58 35	66 30	58 39	57 28	65 42	54 38	55 30	61 42	56 35	47 27	42 22	54 20	56 38	60 35	54 28	48 25	50 29	50 31	45 38	45 40	50 41	58 32	67 35	71 43	71 46	65 52	67 39	73 42	67 52	67 39	58.2 35.8
JONESVILLE LOCKS	MAX MIN	68 32	65 32	56 32	66 32	48 26	53 29	55 39	52 31	55 32	59 34	46 27	41 20	38 21	56 25	62 34	56 28	50 25	40 24	50 28	50 30	43 38	44 39	49 33	60 34	65 34	70 41	70 51	63 35	67 38	74 42	59 37	55.8 32.4
LSU DEAN LEE EXP STA	MAX MIN	69 32	66 30	67 28	67 33	54 26	52 29	55 37	54 29	55 34	60 34	51 29	43 20	41 22	58 28	64 32	59 29	54 27	45 22	52 26	46 35	43 39	47 30	49 33	60 33	69 32	72 44	70 51	64 34	67 36	73 46	63 37	57.7 32.4
MAMOU 4 S	MAX MIN	65 41	62 41	67 39	65 45	54 31	64 46	60 40	55 35	63 45	59 42	50 38	45 28	57 37	59 40	62 32	61 37	51 32	49 24	49 39	46 41	47 43	51 43	66 35	67 38	70 45	69 50	67 51	65 42	75 45	70 55	64 41	59.8 40.0
MELVILLE	MAX MIN	67 30	65 30	67 28	67 35	55 29	56 30	46 37	53 29	54 30	61 33	52 27	43 23	40 18	55 23	57 32	60 30	52 27	45 25	50 30	52 27	45 30	45 39	49 30	58 33	62 32	71 44	71 51	64 36	68 42	74 48	72 46	57.3 32.2
NEW ROADS 5 ESE	MAX MIN	67 30	66 30	58 27	66 34	58 31	53 32	63 36	54 29	56 34	61 36	56 28	44 22	41 17	55 26	56 37	61 32	53 27	46 26	52 30	54 35	45 38	44 39	48 33	56 33	67 36	72 45	72 50	66 37	67 38	76 45	64 41	58.0 33.4
OLD RIVER LOCK	MAX MIN	66 29	63 30	57 30	62 30	64 30	55 33	56 35	52 29	52 30	59 36	49 25	42 23	39 20	54 31	57 33	58 30	49 27	41 25	51 27	54 35	44 39	45 40	50 32	57 36	66 43	69 50	70 52	62 39	68 45	75 36	68 38	56.6 32.4
OLLA 3 SSW	MAX MIN	69 26	65 26	59 25	68 25	48 25	51 27	50 36	53 26	60 28	65 23	44 15	41 23	42 17	59 21	63 25	56 30	50 22	42 18	52 34	49 37	41 31	44 28	49 26	61 37	71 44	71 45	62 47	68 34	73 45	59 36	56.6 27.9	
WOODWORTH 2 SE	MAX MIN	68 38	70 32	71 31	64 31	53 27	50 29	57 37	56 30	54 30	58 33	51 28	40 22	55 22	56 26	44 22	58 23	51 21	44 24	45 26	47 34	46 38	47 37	50 29	62 28	68 36	70 42	70 45	72 34	65 35	72 48	60 38	57.2 31.5
EAST CENTRAL 06																																	
AMITE	MAX MIN	66 27	67 29	60 27	66 37	60 29	56 33	60 34	56 27	57 33	62 34	54 26	48 20	43 15	55 38	58 31	63 31	53 27	47 22	56 28	60 34	44 38	44 37	51 30	59 34	68 34	72 41	70 52	71 38	70 33	74 42	69 41	59.3 32.0
BATON ROUGE WSO AP	MAX MIN	66 34	57 32	64 28	59 38	53 29	64 41	53 35	54 29	60 39	54 33	49 27	40 22	55 18	56 35	60 38	52 32	45 27	52 25	54 31	44 39	43 40	47 40	56 36	66 32	71 37	71 47	69 52	68 40	75 36	66 43	61 41	57.6 34.7
BOGALUSA	MAX MIN	65 27	66 29	59 27	65 29	60 28	55 28	60 35	54 28	56 28	61 35	52 27	48 19	41 16	55 16	58 22	64 23	52 27	46 22	54 23	58 27	48 35	51 37	58 30	66 37	71 41	70 46	72 31	71 40	75 31	69 38	58.8 29.5	
CLINTON 5 SE	MAX MIN	65 33	64 33	59 27	64 40	58 28	53 29	59 34	54 26	55 31	60 34	52 26	48 20	42 15	54 23	56 37	62 31	52 27	45 23	52 26	55 32	43 38	42 35	48 34	58 32	62 35	70 45	69 48	65 40	68 36	73 45	65 40	57.2 32.4
COVINGTON 4 NNW	MAX MIN	68 29	60 26	64 27	62 33	60 39	63 34	56 35	59 26	54 30	50 32	49 24	45 20	60 13	58 28	63 34	54 33	48 28	55 22	55 26	46 39	44 40	52 30	60 36	67 31	68 38	72 40	68 30	73 47	65 39	59.4 31.7		
FRANKLINTON 3 SW	MAX MIN	64 31	56 30	67 27	60 35	59 35	59 35	53 32	54 27	60 31	51 31	46 26	41 20	56 15	56 30	60 35	54 31	44 27	52 22	56 31	44 34	42 39	51 33	56 30	65 34	69 39	68 46	72 31	67 40	72 42	67 42	57.4 32.1	
HAMMOND 3 NW	MAX MIN	65 30	65 28	59 25	65 35	57 35	54 33	59 34	53 26	52 31	57 33	52 24	49 20	40 14	51 24	57 31	59 32	52 27	45 23	52 26	55 37	44 39	45 34	50 33	55 28	62 31	68 40	68 46	70 37	65 41	69 45	56.9 31.5	
LSU BEN-HUR EXP STA	MAX MIN	67 31	66 29	58 25	67 35	61 30	50 34	66 36	64 33	56 34	61 35	55 24	50 23	42 14	56 30	58 36	61 32	55 28	47 23	54 30	56 39	41 39	47 39	50 38	58 28	68 34	72 41	72 45	71 39	67 34	73 45	65 41	59.1 32.9
SLIDELL WSFO	MAX MIN	62 30	69 30	58 30	61 33	64 30	54 32	62 38	57 29	55 29	63 28	56 26	52 23	44 18	52 20	58 34	62 34	55 28	49 25	56 34	54 32	53 40	47 35	53 33	54 31	63 33	74 43	69 37	72 42	65 39	73 43	72 43	59.4 32.0
SOUTHWEST 07																																	
CROWLEY EXP STATION	MAX MIN	65 35	66 34	59 31	66 36	56 28	55 32	62 38	54 31	55 35	59 32	51 28	43 23	40 21	54 29	55 35	60 32	51 28	42 29	49 32	49 37	47 36	45 39	49 30	58 32	66 38	69 45	72 50	67 39	66 41	73 49	63 39	57.0 34.3
OE QUINCY 4 N	MAX MIN	70 30	67 29	68 30	70 34	58 28	54 33	56 33	52 29	58 30	65 35	56 33	46 23	45 18	52 19	62 29	62 31	56 24	48 28	56 36	43 36	44 40	47 40	48 26	62 35	73 46	72 50	62 45	68 37	74 48	70 39	59.2 32.2	
OE RIDDER	MAX MIN	70 30	68 31	61 31	70 32	57 30	54 31	56 30	56 32	58 33	65 38	55 27	45 22	45 22	58 23	65 32	60 33	56 28	48 29	52 31	43 38	42 37	46 41	47 28	63 34	70 45	72 49	69 37	61 38	68 52	74 38	67 33	58.7 33.6
ELIZABETH	MAX MIN	69 32	69 32	60 28	68 28	56 29	54 31	68 37	56 30	57 33	62 33	53 22	44 22	43 20	57 25	44 33	58 30	58 28	45 26	51 27	44 37	44 37	46 40	48 28	62 30	69 34	71 45	70 55	61 34	68 38	69 50	58.2 33.0	
HACKBERRY 8 SSW	MAX MIN	65 39	68 40	66 39	65 46	61 33	53 40	63 41	55 37	56 44	60 41	55 37	44 29	40 23	55 38	56 38	60 36	54 32	47 32	53 42	50 36	44 39	47 42	49 38	57 44	65 48	68 55	70 44	64 48	70 53	66 44	58.0 39.7	
JENNINGS	MAX MIN	65 33	67 35	59 35	62 37	56 31	55 31	63 37	54 33	56 33	60 39	53 31	45 25	41 22	55 27	55 33	60 33	52 29	45 30	50 34	48 36	45 36	45 40	48 31	58 36	67 46	70 53	73 53	65 41	67 42	72 45	65 39	57.3 34.9
LAKE CHARLES WSO AP	MAX MIN	67 38	58 37	66 33	60 38	53 32	62 47	55 37	56 35	60 43	56 40	50 35	44 26	45 23	57 44	61 34	54 36	47 32	45 35	44 37	45 38	47 42	48 39	58 31	66 40	69 48	70 55	64 41	72 45	66 44	65 41	57.7 37.8	
OBERLIN FIRE TOWER	MAX MIN	69 34	68 35	59 28	69 40	58 29	53 33	60 36	57 30	57 39	60 36	56 23	45 20	43 19	58 31	59 38	62 33	54 28	48 24	52 36	44 36	45 39	48 40	50 32	62 41	69 49	72 55	70 47	63 36	67 43	70 50	58.7 35.0	
ROCKEFELLER WL REFUGE	MAX MIN	63 41	67 37	61 38	65 45	60 32	56 32	65 45	55 35	58 40	61 42	55 35	48 28	44 25	58 34	56 37	61 35	52 31	46 33	52 34	48 38	46 37	47 42	51 33	60 38	68 44	69 51	72 52	64 42	66 42	71 49	69 42	58.5 38.1
VERMILION LOCK	MAX MIN	63 34	66 35	61 35	63 44	58 32	55 32	66 40	52 34	56 35	65 47	45 30	47 25	44 24	53 42	54 35	61 30	52 28	46 29	54 30	54 38	47 39	48 41	51 35	66 35	68 44	69 46	71 50	67 43	70 44	69 52	59.1 37.0	
SOUTH CENTRAL 08																																	
CARVILLE 2 SW	MAX MIN	68 34	67 33	59 30	66 35	62 35	53 38	68 36	65 30	55 34	61 37	56 28	50 23	46 18	55 28	56 33	59 32	54 29	54 28	54 26	54 37	47 39	45 40	49 35	58 31	67 33	71 42	71 44	70 42	70			

DAILY TEMPERATURES

LOUISIANA
JANUARY 1981

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEW IBERIA 5 NW	MAX MIN	70 30	67 34	60 31	65 36	57 33	56 32	64 37	60 36	58 34	60 36	55 28	47 23	42 21	54 26	55 37	63 33	55 27	54 28	55 30	53 38	48 39	46 35	49 33	58 32	68 34	70 44	72 45	70 42	66 42	70 45	66 40	59.1 34.2	
SOUTHEAST	09																																	
BOOTHVILLE WSCMO CI	MAX MIN	63 39	56 39	61 31	58 47	52 44	67 46	64 44	54 43	54 42	50 39	49 39	46 30	51 24	57 35	49 36	49 39	47 36	44 35	49 31	62 45	47 42	47 40	50 40	51 36	60 38	69 39	69 44	70 48	58 47	70 44	70 45	71 53	57.0 40.0
DELTA-BRETON WL REF	MAX MIN	56 42	63 46	54 40	59 46	60 44	55 43	66 46	51 43	55 44	57 44	49 31	49 31	38 30	49 33	47 41	48 38	49 36	43 36	45 37	61 38	59 41	46 42	51 40	52 41	59 43	65 47	69 49	67 50	61 48	68 47	71 54	55.5 41.6	
OONALOSONVILLE	MAX MIN	67 35	66 38	60 30	63 31	60 33	57 34	67 37	54 35	50 36	60 38	56 30	50 26	45 20	55 21	57 42	63 33	56 33	48 31	58 32	52 42	48 42	44 43	45 38	60 35	66 39	71 40	70 51	70 39	66 38	75 49	65 44	58.8 36.0	
GALLIANO	MAX MIN	63 37	66 34	62 35	66 34	67 34	55 35	69 42	54 34	55 38	59 35	53 32	50 27	40 19	51 27	57 37	61 36	51 32	45 30	51 30	53 40	55 41	46 39	51 33	56 32	64 31	69 47	70 51	73 52	65 41	75 52	74 42	58.9 36.4	
HOUMA	MAX MIN	63 37	68 30	60 28	65 30	65 35	54 36	69 42	56 32	56 35	59 35	55 30	53 26	42 19	55 26	60 42	61 36	53 32	46 30	52 30	53 39	51 41	45 38	52 33	60 32	66 32	70 47	71 51	73 53	64 43	75 43	75 46	59.6 35.8	
NEW ORLEANS WSCMO AP	MAX MIN	68 37	56 36	65 31	62 45	51 37	68 44	55 40	53 29	58 33	55 32	50 22	40 22	53 17	56 35	62 40	56 42	49 36	53 33	51 32	49 40	47 44	53 41	59 40	67 31	73 42	73 47	74 47	67 46	76 36	72 52	67 48	59.3 37.7	
N O AOBON WSFO CI	MAX MIN	68 41	59 40	66 37	62 45	53 37	68 48	56 44	55 38	60 40	56 40	52 36	43 28	55 25	62 39	63 43	54 40	48 35	53 34	55 35	53 44	47 43	52 39	58 38	66 37	70 44	71 48	74 51	69 46	75 45	71 55	67 50	60.0 40.8	
PARADIS 7 S	MAX MIN	68 36	59 32	64 27	64 32	61 32	68 40	67 38	57 28	57 34	57 33	50 26	48 24	53 18	57 30	60 36	61 35	52 30	50 24	52 28	52 37	50 40	52 36	57 35	66 31	69 35	72 42	73 45	67 45	74 34	73 52	71 43	60.7 34.2	
PLAQUEMINES EXP STA	MAX MIN	64 36	58 34	60 27	63 33	60 36	65 41	67 41	55 35	58 36	55 35	52 32	48 26	52 18	56 32	62 35	56 36	50 30	50 29	52 28	57 42	53 43	52 38	56 33	63 31	72 42	72 38	71 48	65 47	74 38	72 53	71 50	60.0 36.2	
RESERVE	MAX MIN	70 33	68 32	62 30	65 32	63 33	50 35	67 40	54 32	54 33	60 36	58 30	56 24	41 21	54 24	60 39	61 30	52 30	46 32	53 27	52 35	47 40	46 37	49 38	69 40	70 40	71 43	71 48	73 45	66 37	75 39	73 45	59.9 34.8	
SAINT BERNARD	MAX MIN	66 37	67 34	64 30	62 47	56 34	65 44	64 40	55 31	56 30	56 28	51 26	47 23	56 17	59 32	61 35	56 35	50 29	51 28	53 29	60 40	47 40	52 40	57 31	66 30	71 37	72 41	72 48	66 45	74 35	70 55	68 47	60.3 35.4	
THIBODAUX	MAX MIN	58 32	68 33	60 32	61 34	66 31	54 32	68 40	55 34	56 35	59 37	56 30	52 24	43 23	55 25	57 40	52 34	54 32	47 27	54 28	52 37	52 44	46 40	50 35	59 30	67 36	71 47	74 46	67 46	79 48	73 44	58.8 35.6		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

LOUISIANA
JANUARY 1981

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALHOUN EXP STATION	(1N)	4 MAX MIN	56 43	56 44	54 45	57 44	53 47	50 46	46 46	53 45	53 44	54 47	51 46	51 44	45 42	48 39	54 42	52 43	48 43	45 42	48 40	47 43	44 44	45 43	48 44	53 42	51 44	54 45	57 52	57 50	58 48	59 48	53 48	51.6 44.6
CLINTON 5 SE	(1N)	4 MAX MIN	52 44	53 46	52 46	52 45	50 48	50 47	50 46	57 48	51 44	48 46	50 45	47 43	49 47	48 38	47 41	52 45	48 44	46 44	45 41	46 43	- -	44 43	46 43	52 46	56 46	59 46	56 50	56 52	57 49	57 48	57 52	51.1 45.5
CROWLEY EXP STATION	(1N)	4 MAX MIN	59 40	61 43	61 43	62 42	60 42	58 42	56 46	59 43	60 41	64 44	59 38	48 35	50 36	50 35	53 44	59 41	56 35	52 35	55 41	48 42	49 41	46 43	50 41	62 41	62 43	64 45	63 49	60 48	67 48	67 50	63 46	57.5 42.0
HOUMA	(1N)	4 MAX MIN	55 41	58 43	56 43	57 42	59 44	54 44	57 48	55 42	54 42	54 43	54 41	52 39	49 37	51 36	52 44	56 42	50 40	49 39	53 39	46 41	46 44	44 39	49 41	55 41	55 41	59 43	62 48	61 51	64 48	64 48	66 48	54.7 42.6
LSU DEAN LEE EXP STA	(1N)	4 MAX MIN	54 45	55 48	55 47	55 46	53 47	51 45	52 50	54 47	54 46	54 49	51 45	46 43	44 41	46 40	52 44	52 45	50 43	47 43	49 43	46 44	46 45	47 46	49 45	45 40	56 42	56 44	57 53	58 52	58 51	60 52	58 52	51.9 45.9
REO RIV VALLEY EXP STA	(1N)	4 MAX MIN	57 42	58 43	57 43	58 42	55 43	47 43	45 40	53 39	56 39	57 42	53 42	46 40	47 40	48 38	54 39	53 39	51 39	48 40	50 39	47 41	43 41	45 41	46 39	57 39	60 41	54 42	57 47	61 44	58 44	61 45	53 44	52.7 41.3
SAINT JOSEPH EXP STA	(1N)	4 MAX MIN	52 44	52 44	52 44	52 44	48 42	47 41	47 44	48 41	48 41	50 43	45 39	45 36	39 36	41 36	48 40	50 40	49 39	44 38	45 38	44 39	42 42	43 42	45 42	49 42	53 45	53 45	57 50	54 46	57 46	58 47	54 48	48.7 42.1
WINNSBORO	(1N)	4 MAX MIN	52 39	52 41	50 39	51 39	48 38	45 37	44 43	50 39	48 38	50 40	46 37	39 34	39 34	41 34	50 38	48 37	45 35	40 35	43 35	43 37	43 40	43 41	46 41	52 38	52 39	53 44	56 50	54 43	54 42	55 45	51 45	47.8 39.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

LOUISIANA
JANUARY 1981

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
REO RIV VALLEY EXP STA	EVAP	.09	-	-	.08	-	-	-	.14	.05	.06	.07	-	-	.08	-	-	-	-	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
	WIND	21	30	15	39	10	11	24	19	20	17	12	1	19	78	28	30	38	30	13	31	33	26	27	19	31	54	34	27	62	84	79	96.2
NORTH CENTRAL 02																																	
CALHOUN EXP STATION	EVAP	.10	-	-	-	-	-	.04	.06	.06	.07	.08	-	-	.08	-	-	-	-	.03	.00	.01	.02	.07	.11	.06	.04	.08	.10	.09	.09	-	
	WIND	19	36	7	28	23	10	42	14	6	14	17	12	6	31	20	17	35	19	3	7	13	6	6	9	7	36	15	13	10	31	40	552
NORTHEAST 03																																	
SAINT JOSEPH EXP STA	EVAP	.14	.10	.04	.02	-	-	-	-	.10	-	-	-	.05	-	-	-	-	-	-	.01	.00	.05	.08	.09	.10	.10	.02	.09	.09	.10	-	
	WIND	40	48	22	49	108	38	66	56	18	45	80	90	32	115	50	65	108	60	15	38	77	25	33	42	43	80	77	43	21	70	103	1757
EAST CENTRAL 06																																	
LSU BEN-HUR EXP STA	EVAP	.05	.12	.09	.09	.06	.21	.08	.12	.12	.11	-	-	-	.03	.10	.18	.05	.22	.09	.04	.05	.08	.13	.10	.09	.08	.14	-	.10	2.908		
	WIND	37	58	24	32	101	47	165	53	89	109	38	52	21	69	163	113	32	90	93	44	26	18	30	60	37	44	29	45	98	1817		
	MAX	64	65	65	65	65	58	62	58	60	65	60	-	-	52	55	63	57	51	56	52	47	45	51	61	69	72	70	74	76	73	61.4	
	MIN	37	40	39	40	36	36	42	40	45	40	37	-	-	33	41	39	35	35	36	40	42	42	45	41	45	50	48	44	49	46	40.9	
SOUTHEAST 09																																	
HOUMA	EVAP	.12	.05	.01	.16	.07	.10	-	.15	.09	.12	.11	-	-	.01	.05	.12	.08	.08	.07	.07	.03	.02	.10	.08	.06	.09	.03	.11	.11	.16	2.588	
	WIND	31	24	16	20	59	68	73	35	24	37	55	71	32	23	6	25	75	68	29	75	70	31	14	21	21	34	24	26	33	31	52	1203

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

LOUISIANA
JANUARY 1981

STATION		DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST	01																																
COTTON VALLEY																						.3											
PLAIN DEALING																						.3											
SHREVEPORT WSO AP																						.7											
NORTH CENTRAL	02																																
MONROE FAA AP												T																					
WINNFIELD 2 W													T									T											
NORTHEAST	03																																
SAINT JOSEPH EXP STA																						T											
WEST CENTRAL	04																																
ASHLAND 2 S																						T											
EAST CENTRAL	06																																
BATON ROUGE WSO AP																						T											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
JANUARY 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
A88EVILLE	0007	07	VERMILION		29 58	92 08	10		8A			CITY OF A88EVILLE
A8ITA SPRINGS FIRE TWR	0021	06	ST TAMMANY		30 26	90 03	30		1P			LA DEPT OF NATURAL RES
ALEXANORIA	0098	05	RAPIDES		31 19	92 28	87	8A	8A		C	ALEXANORIA POWER PLANT
AMITE	0205	06	TANGIPAHOA		30 43	90 30	180	8A	8A		H	MRS ROBERT S MC CLENOON
ANTIOCH FIRE TOWER	0253	02	CLAIBORNE		32 53	93 00	350		1P		H	STATE OIV OF FORESTRY
ASHLAND 2 S	0349	04	NATCHITOCHES		32 07	93 06	225	8A	8A		H	SOLOMON G MARTIN
BAKER	0462	06	E BATON ROUG		30 35	91 10	80		7A			BAKER FIRE DEPT
8ASTROP	0537	03	MOREHOUSE		32 47	91 54	140	5P	5P		H	CITY OF 8ASTROP
8ATON ROUGE CENTRAL	0546	06	E BATON ROUG		30 33	91 03	65		8A			E BATON ROUG PARISH
8ATON ROUGE WSO AP	0549	06	E BATON ROUG		30 32	91 08	64	MIO	MIO		C HJ	NATL WEATHER SERVICE
8ATON ROUGE KLEINPETER	0558	06	E BATON ROUG		30 22	91 01	25		7A			E BATON ROUGE PARISH
8AYOU SORREL LOCK	0565	08	IBERVILLE		30 08	91 19	15		8A		H	U S CORPS OF ENGINEERS
8EAVER FIRE TOWER	0617	05	EVANGELINE		30 48	92 35	105		1P			STATE OIV OF FORESTRY
8ELAH FIRE TOWER	0639	05	LA SALLE		31 38	92 11	200	9A	1P		H	LA DEPT OF NATURAL RES
8ETHANY	0786	01	CAOOO		32 23	94 03	370		8A			NORMAN G ALEXANDER
8IENVILLE 3 NE	0800	02	8IENVILLE		32 22	92 56	307	MIO	MIO			SOUTHERN NATURAL GAS CO
8OOCAU FIRE TOWER	0920	01	BOSSIER		32 42	93 31	260		1P			STATE OIV OF FORESTRY
8OGALUSA	0945	06	WASHINGTON		30 47	89 52	103	8A	8A		H	CROWN ZELLERBACH CORP
8OOTHVILLE WSCMO CI	1157	09	PLAQUEMINES		29 20	89 24	0	MIO	MIO		C HJ	NATL WEATHER SERVICE
8OYCE 3 WNW	1232	05	RAPIDES		31 23	92 43	110	MIO	MIO			CENTRAL LA ELECTRIC CO
8UNKIE	1287	05	AVOYELLES		30 57	92 10	80	8A	8A		C H	ROGERS J LACHNEY
8UTTE LA ROSE	1365	08	ST MARTIN		30 17	91 41	5		8A			CLARENCE J HOTARO JR
CALHOUN EXP STATION	1411	02	OUACHITA		32 31	92 20	180	8A	8A		BACGH	L S U NORTH LA EXP STA
CARVILLE 2 SW	1565	08	IBERVILLE		30 12	91 07	25	8A	8A		H	U S PUBLIC HEALTH HOSP
CLINTON	1891	06	E FELICIANA		30 52	91 01	180		8A			KENNETH M CAIN
CLINTON 5 SE	1899	06	E FELICIANA		30 48	90 58	200	8A	8A		CG	LSU IOLEWILLO EXP STA
COLUMBIA LOCKS	1979	02	CALOWELL		32 10	92 06	80		8A			U S CORPS OF ENGINEERS
CONVERSE	2023	04	SABINE		31 45	93 42	220	8A	8A		H	WILLIAM R OTT
COTTON VALLEY	2121	01	WEBSTER		32 49	93 25	230	7A	7A		H	MRS RUBY V ALLEN
COVINGTON 4 NNW	2151	06	ST TAMMANY		30 32	90 07	40	5P	5P		C H	ST JO A88EY-SEMINARY
CROWLEY EXP STATION	2212	07	ACAOIA		30 15	92 22	25	8A	8A		GH	L S U RICE EXP STATION
OELTA-8RETON WL REF	2330	09	PLAQUEMINES		29 13	89 16	5	8A	8A		H	OELTA-8RETON NAT WL REF
OENHAM SPRINGS	2350	06	LIVINGSTON		30 28	90 58	35		7A			OENHAM SPRINGS FIRE O
OE QUINCY 4 N	2361	07	8EAUREGARO		30 31	93 26	95	8A	8A		H	LA CORR ANDO INO SCH
OE RIOOER	2367	07	8EAUREGARO		30 50	93 18	180	8A	8A		H	CITY WATER PLANT
OONALOSONVILLE	2534	09	ASCENSION		30 07	90 59	40	8A	8A		H	MARIANGE G GUILLOT
ELIZABETH	2800	07	ALLEN		30 52	92 48	150	8A	8A		H	CALCASIEU PAPER CO
EPPS 6 WNW	2971	03	WEST CARROLL		32 37	91 34	99	8A	8A		C H	TRUCKLINE GAS CO
EUNICE	2981	05	ST LANDRY		30 29	92 26	50		7A			ROYNE H FONTENOT
FRANKLIN 3 NW	3313	08	ST MARY		29 49	91 33	12	MIO	MIO		H	CENTRAL LA ELECTRIC CO
FRANKLINTON 2	3322	06	WASHINGTON		30 51	90 10	145		8A			FREO 8 ORMAN
FRANKLINTON 3 SW	3327	06	WASHINGTON		30 49	90 11	145	MIO	MIO		H	SOUTHERN NAT GAS CO
GALLIANO	3433	09	LAFOURCHE		29 26	90 18	2	8A	8A		H	LAFOURCHE PARISH SHER O
GLOSTER 1 W	3657	01	OE SOTO		32 12	93 50	255		7A			MARGARET E JAMISON
GONZALES	3695	09	ASCENSION		30 14	90 54	10		7A		C	CITY OF GONZALES-SEW PL
GORUM FIRE TOWER	3741	04	NATCHITOCHES		31 25	92 54	360		1P		H	STATE OIV OF FORESTRY
GRANO COTEAU	3800	05	ST LANORY		30 26	92 02	55	5P	5P		H	ST CHARLES COLLEGE
GRANO ECORE	3804	04	NATCHITOCHES		31 48	93 06	150		7A			CLINTON JONES
GRAND ISLE 2	3815	09	JEFFERSON		29 14	90 00	2				C	TOWN OF GRANO ISLE
GREENSBURG	3864	06	ST HELENA		30 50	90 40	225		8A			TOWN OF GREENSBURG
GREENWELL SPRINGS	3867	06	E BATON ROUG		30 34	90 59	60		7A			MRS LAURA L CAMPBELL
GREENWOOD FIRE TOWER	3877	01	CADOO		32 25	94 00	350		1P			STATE OIV OF FORESTRY
HACKBERRY 8 SSW	3979	07	CAMERON		29 53	93 25	6	8A	8A		H	U S FISH-WILOLIFE SERV
HAMMONO 3 NW	4034	06	TANGIPAHOA		30 32	90 29	45	9A	9A		H	LA DEPT OF NATURAL RES
HANNA 3 S	4050	01	REO RIVER		31 54	93 21	125		8A			CHARLES O WOOD
HOOGES GAROENS	4288	04	SABINE		31 22	93 23	420		8A			HOOGES GARDENS
HOMER EXP STATION	4355	02	CLAIBORNE		32 45	93 04	380	8A	8A		H	N LA HILL FARM EXP STA
HOSSTON	4398	01	CAOOO		32 53	93 53	200		8A			THOMAS C GRAVES
HOUMA	4407	09	TERREBONNE		29 35	90 44	15	8A	8A		BA GH	USOA-SUGARCANE FLD STA
JEANERETTE EXP STA	4674	08	IBERIA		29 57	91 43	20	8A	8A		H	LSU IBERIA LIVESTOCK FM
JENNINGS	4700	07	JEFF OAVIS		30 12	92 40	25	8A	8A		C H	DOUGLAS E HOLLIER
JONESBORO FIRE TOWER	4732	02	JACKSON		32 13	92 42	320		1P			LA DEPT OF NATURAL RES
JONESVILLE LOCKS	4739	05	CATAHOULA		31 29	91 51	70	8A	8A		C	U S CORPS OF ENGINEERS
KEITHVILLE	4816	01	CAOOO		32 21	93 50	200		7A			MRS OLIVE 8 HILL
KENTWOOD	4859	06	TANGIPAHOA		30 56	90 31	220		8A			MRS NICK SALADINO
KINOER 3 W	4884	07	ALLEN		30 30	92 54	53		7A			ALEX COURVILLE
KORAN	4931	01	BOSSIER		32 25	93 28	175		8A			UNITEO GAS PIPELINE CO
LAFAYETTE	5021	08	LAFAYETTE		30 13	92 01	35				C	CITY OF LAFAYETTE UTIL
LAFAYETTE FAA AP	5026	08	LAFAYETTE		30 12	91 59	38	MIO	MIO		H	FAA

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
JANUARY 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
LAKE CHARLES 2 N	5074	07	CALCASIEU		30 15	93 13	5		8A			U S CORPS OF ENGINEERS
LAKE CHARLES WSO AP	5078	07	CALCASIEU		30 07	93 13	9	MID	MID		C H J	NATL WEATHER SERVICE
LAKE PROVIDENCE	5090	03	EAST CARROLL		32 48	91 10	103	8A	8A		H	LA POWER & LIGHT CO
LEESVILLE	5266	04	VERNON		31 09	93 16	240	8A	8A		C H	JAMES M MILLER
LIVERPOOL 3 ENE	5430	06	ST HELENA		30 56	90 38	250		8A			CLIFTON SMITH
LIVINGSTON	5438	06	LIVINGSTON		30 30	90 45	40		8A			JOHNNY SZANYI
LOGANSPOUT 4 ENE	5527	01	DE SOTO		31 59	93 57	210	5P	5P		C H	SOUTHERN NATURAL GAS CO
LONGVILLE	5584	07	BEAUREGARD		30 36	93 14	114		7A			FRED REEVES JR
LSU BEN-HUR EXP STA	5620	06	E BATON ROUG		30 22	91 10	21	8A	8A	8A		LSU AGRI EXP STATION
LSU DEAN LEE EXP STA	5630	05	RAPIDES		31 11	92 24	70	8A	8A		G	LSU DEAN LEE AGRI CNTR
MAMOU 4 S	5852	05	EVANGELINE		30 34	92 26	55	5P	5P			TRANSCONTINENTAL G P C
MANSFIELD 3 WSW	5874	01	DE SOTO		32 01	93 44	375		7A		H	BENNETT STRANGE
MANY	5892	04	SABINE		31 34	93 29	260	8A	8A		H	ROBERT R GENTRY
MARION	5908	02	UNION		32 54	92 15	190		8A			TOWN OF MARION
MARKSVILLE	5920	05	AVOYELLES		31 09	92 02	85		8A			TOWN OF MARKSVILLE
MARTIN FIRE TOWER	5935	01	RED RIVER		32 06	93 14	270		1P		C	HERSHEL L CULPEPPER
MELVILLE	6117	05	ST LANDRY		30 41	91 45	30	8A	8A		H	MRS RUTH T HEBERT
MERMENTAU	6142	07	ACADIA		30 11	92 35	16		8A			DENNIS J BROUSSARD
MINDEN	6244	01	WEBSTER		32 35	93 17	185	8A	8A		C H	MUNICIPAL POWER PLANT
MITTIE 2 SE	6271	07	ALLEN		30 42	92 53	120		8A			MRS OLLIE M MAHAFFEY
MONROE FAA AP	6303	02	OUACHITA		32 31	92 03	78	MID	MID		H	FAA
MONROE NLU	6314	02	OUACHITA		32 32	92 04	70	8A	8A		C	NORTHEAST LA UNIVERSITY
MOORINGSPOUT 1 N	6364	01	CADDO		32 42	93 58	200		8A			SOUTHWESTERN ELEC CO
MORGAN CITY	6394	08	ST MARY		29 41	91 11	5	8A	8A		C	U S CORPS OF ENGINEERS
NATCHITOCHES	6582	04	NATCHITOCHES		31 46	93 05	130	8A	8A		C H	MUNICIPAL POWER PLANT
NEW IBERIA 5 NW	6657	08	IBERIA		30 03	91 53	25	8A	8A		H	GULF S RESEARCH INST
NEW ORLEANS WSCMO AP	R 6660	09	JEFFERSON		29 59	90 15	4	MID	MID		C H J	NATL WEATHER SERVICE
N O ADBON WSFO CI	R 6664	09	ORLEANS		29 55	90 08	6	MID	MID		C H	NATL WEATHER SERVICE
NEW ORLEANS ALGIERS	R 6666	09	ORLEANS		29 56	90 02	2		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 14	R 6668	09	ORLEANS		30 04	89 58	0		12M			SWG AND WATER BOARD
NEW ORLEANS WATER PLT	R 6669	09	ORLEANS		29 57	90 08	22		12M			SWG AND WATER BOARD
NEW ORLEANS CITY HALL	6670	09	ORLEANS		29 57	90 04	5		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 5	R 6672	09	ORLEANS		29 59	90 01	10		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 3	R 6675	09	ORLEANS		29 59	90 04	12		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 6	R 6679	09	ORLEANS		29 59	90 07	0		12M			SWG AND WATER BOARD
NEW ROADS 5 ESE	6686	05	POINTE COUPE		30 41	91 22	45	8A	8A		H	CAJUN ELEC PWR COOP INC
OAKDALE	6836	07	ALLEN		30 49	92 41	100		7A			CREED JONES
OAK GROVE 2 WSW	6866	03	WEST CARROLL		32 51	91 26	110		8A			MRS JESSEE PETERSON
OAKNOLIA	6911	06	E FELICIANA		30 44	90 59	130		7A			PERCY E DREHER
OBERLIN FIRE TOWER	6938	07	ALLEN		30 36	92 47	65	9A	1P		H	LA DEPT OF NATURAL RES
OLD RIVER LOCK	6962	05	POINTE COUPE		31 00	91 40	70	8A	8A		C	U S CORPS OF ENGINEERS
OLLA 3 SSW	6978	05	LA SALLE		31 52	92 16	100	8A	8A		C	UNITED GAS PIPE LINE CO
OPELOUSAS	6995	05	ST LANDRY		30 29	92 04	60		7A			HAROLD L BAQUE
PARADIS 7 S	7096	09	ST CHARLES		29 47	90 26	5	4P	4P		H	RUDOLPH MELANCAN JR
PEARL RIVER LOCK 1	7161	06	ST TAMMANY		30 27	89 47	30		8A			U S CORPS OF ENGINEERS
PINE GROVE FIRE TOWER	7304	06	ST HELENA		30 42	90 45	190		1P			LA DEP OF NAT RESOURCES
PLAIN DEALING	7344	01	BOSSIER		32 54	93 41	291	8A	8A		H	LEON SANDERS JR
PLAQUEMINE 2 N	7366	08	IBERVILLE		30 19	91 14	20		7A			DOW CHEMICAL USA
PLAQUEMINES EXP STA	7368	09	PLAQUEMINES		29 35	89 50	4	4P	4P			LSU PLAQUEMINES P EXP S
PORT ALLEN	7448	05	W BATON ROUG		30 27	91 13	15		8A			CITY-PORT ALLEN SEW PLT
RED RIV VALLEY EXP STA	7738	01	BOSSIER		32 25	93 38	155	8A	8A	8A	BACG	LSU RED RIVER VLY EXP
RESERVE	7767	09	ST JOHN BAPT		30 04	90 34	13	8A	8A		H	GODCHAUX-HENDERSON
ROBSON	7924	01	CADDO		32 21	93 39	160		8A			LSU PECAN EXP STN
ROCKEFELLER WL REFUGE	7932	07	CAMERON		29 44	92 49	4	8A	8A		C	U S FISH & WILDLIFE
RODESSA	7950	01	CADDO		32 58	94 00	200		7A			MRS F M OSBORN
ROSEFINE EXP STATION	8046	04	VERNON		30 57	93 17	238	8A	8A			LSU WEST LA EXP STA
RUSTON	8065	02	LINCOLN		32 32	92 36	300		8A		C	CITY OF RUSTON
RUSTON-LA TECH UNIV	8067	02	LINCOLN		32 31	92 39	275	8A	8A		H	LA TECH UNIVERSITY
SAILES FIRE TOWER	8094	02	BIENVILLE		32 22	93 08	360		1P			STATE DIV OF FORESTRY
SAINT BERNARD	8108	09	ST BERNARD		29 52	89 50	5	5P	5P			SOUTHERN NATL GAS CO
SAINT JOSEPH EXP STA	8163	03	TENSAS		31 57	91 14	78	8A	8A	8A	GH	NE LA EXPERIMENT STA
SHERIDAN FIRE TOWER	8405	06	WASHINGTON		30 51	89 59	330		1P			LA DEPT OF NATURAL RES
SHREVEPORT DOWNTOWN	8436	01	CADDO		32 31	93 45	180		8A			MEDFORD B BENNETT
SHREVEPORT WSO AP	R 8440	01	CADDO		32 28	93 49	254	MID	MID		C H J	NATL WEATHER SERVICE
SIMMESPORT	8507	05	AVOYELLES		30 59	91 49	50		8A			MRS CARMEN R RABALAIS
SLAGLE	8524	04	VERNON		31 12	93 08	300		8A			MRS MARGIE A HAYMON
SLIDELL WSFO	8539	06	ST TAMMANY		30 15	89 46	10	8A	8A		C H	NOAA-NATL WEATHER SERV
SPEARSVILLE FIRE TOWER	8669	02	UNION		32 54	92 34	200		1P		C	HAROLD L ATWELL
SPRINGHILL	8683	01	WEBSTER		33 00	93 27	250		8A		C	MRS RUTH M MATLOCK

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
JANUARY 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SPRINGVILLE FIRE TOWER	8715	06	LIVINGSTON		30 26	90 39	30		1P		H	LA DEP OF NAT RESOURCES
STERLINGTON	8785	02	OUACHITA		32 43	92 05	60		8A			LA POWER & LIGHT CO
STEVENSON FIRE TOWER	8795	03	MOREHOUSE		32 54	91 58	150		1P			STATE DIV OF FORESTRY
SUGARTOWN	8828	07	BEAUREGARD		30 51	93 01	170		7A			MRS PEARL M McDONALD
SULPHUR	8831	07	CALCASIEU		30 14	93 23	12		8A			CITY WATER PLANT
TALLULAH	8923	03	MADISON		32 24	91 13	85	8A	8A		H	PEOPLES WATER SERV CO
THIBODAUX	9013	09	LAFOURCHE		29 48	90 49	20	8A	8A			CITY OF THIBODAUX WTR W
VERMILION LOCK	9319	07	VERMILION		29 47	92 12	14	8A	8A		H	U S CORPS OF ENGINEERS
VIDALIA 2	9357	05	CONCORDIA		31 35	91 26	60		8A		C	VIDALIA FIRE DEPT
VINTON	9375	07	CALCASIEU		30 12	93 35	19		8A			TOWN OF VINTON
WATSON 3 ENE	9480	06	LIVINGSTON		30 36	90 54	65		7A			RALPH E CLARK JR
WINNFIELD 2 W	9803	02	WINN		31 56	92 41	160	6P	7A		C H	ESTES B BOZEMAN
WINNSBORO	9806	03	FRANKLIN		32 09	91 42	80	8A	8A		CGH	LA DEPT OF NATURAL RES
WINONA FIRE TOWER	9809	02	WINN		32 02	92 39	220		1P			LA DEPT OF NATURAL RES
WOODWORTH 2 SE	9865	05	RAPIDES		31 07	92 28	116	8A	8A			LA DEPT OF NATURAL RES
ZACHARY 2 ESE	9930	06	E BATON ROUG		30 38	91 08	85		8A			MANUEL F RODRIGUEZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA - JANUARY 1981

SPECIAL WEATHER SUMMARY

The preliminary state weighted average temperature for January is 45.2°, which is 4.8° below normal (1941-70 average). It is the 12th coldest on record for Louisiana (with records dating back to 1893). Other colder Januarys were:

1940	38.9	1918	42.6	1961	44.3
1977	39.6	1948	42.8	1966	44.7
1978	40.1	1963	43.8	1905	45.1
1979	41.5	1970	44.0		

The lowest reported temperature was 13° at Covington on the 13th. The highest was 79° at Thibodaux on the 30th.

Except for the 1st and 2d, the first three quarters of the month was cold. Average highs ranged from the mid-40s north to the mid-50s south, and average lows varied from the mid-20s north to mid-30s south.

A change in the air flow occurred on the 23d bringing warmer temperatures. During the last quarter of the month highs averaged from mid-60s north to low 70s south, and average lows ranged from near 40 north to mid-40s south.

Even though January 1981 was 4.8° below normal, there were just a few new record lows set. Monroe (NLU) established a new record low of 18° on the 18th. There were no new record low temperatures at the National Weather Service Offices in Shreveport, Baton Rouge, Lake Charles, and New Orleans. It was the persistence of cold weather that caused January to be well below normal.

This cold air persistence is reflected in the above normal amounts of heating degree days. Heating degree days are used as an indication of fuel consumption. As a consequence, heating costs were high in January for Louisianians.

The preliminary weighted average precipitation for January, 1981, is 1.72 inches, which is 36% of normal (normal is 4.72 inches, a 1941-70 average). It is the 4th driest on record (with records dating back to 1893).

The drier Januarys were:

1928	0.99
1914	1.00
1971	1.69

Rainfall ranged from the highest of 4.00 inches at St. Joseph Experiment Station to 0.39 inches in New Orleans East at the Sewage and Water Board Station on Wales Drive (DPS#16). Most stations received between 1 and 2 inches of rain.

There were 3 episodes of sleet or snow during January. There was scattered very light sleet on the 11th over central Louisiana.

Light snow fell over northern Louisiana on the 20th. Some of the snowfall reports were: Shreveport .7 inch, and Bienville .3 inch.

There was above normal sunshine in January. Due to

the predominance of Continental High (CH) weather, the percent of possible sunshine received ranged from 59-66%. On the average, it varies from 45 to 50%.

There were no severe storms reported over the State. However, there were many forest fires, very low river stages on the Mississippi, and some dense fog.

Dense fog occurred on several occasions. The worst episodes occurred over southeast Louisiana on the 3d, and 24th. The combination of smoke and dense fog helped to produce chain reaction motor vehicle accidents on the interstate on the 3d and 24th. A small plane crashed into Lake Pontchartrain in the fog on the 15th.

On the average, dense fog occurs 7 days in January in New Orleans and 4 days in Shreveport. There was a below average frequency of occurrence at all the weather stations except Lake Charles.

The drier than normal conditions were conducive to forest fires. Preliminary figures from B. F. Griffin, Forest Protection Chief, indicate that there were 2,377 fires burning 34,848 acres. This was the worst January on record (with records dating back to 1956).

The Mississippi River reached extremely low levels during January. No records were broken, but stages were well below average.

The low river stages caused several barges to run aground in the Vicksburg area. A few ships bumped bottom near the mouth of the river near Cubits Gap. However, the area most impacted was from Lake Providence, Louisiana, northward, where tug boats ran aground frequently.

Another effect of the low river stages was the northward movement of the salt water "wedge" to near Myrtle Grove, or 61 miles upstream from the mouth of the river.

The preliminary analysis of synoptic weather types over southeastern Louisiana shows the following frequencies in percent, with the 10-year average for 1966-1975 included for comparison.

Synoptic Weather Type	January	
	1981	66-75 Mean
Pacific High (PH)	10	5
Continental High (CH)	45	20
Frontal Overrunning (FOR)	10	35
Coastal Return (CR)	6	9
Gulf Return (GR)	6	17
Frontal Gulf Return (FGR)	10	13
Gulf Tropical Disturbances (GTD)	0	0
Gulf High (GH)	13	2
Continental Index (CH+FOR)	55	55
Tropical Index (GR+FGR)	16	30
Storminess Index (FOR+FGR)	20	48

For the month as a whole, the storminess Index (SI) of only 20% was the lowest of the data series from 1963 to date; this is the first time since 1976 that the storminess Index was below average for 2 consecutive

L O U I S I A N A - J A N U A R Y 1 9 8 1

SPECIAL WEATHER SUMMARY

months during winter. The Continental High (CH) frequency of 45% and the Gulf High (GH) frequency of 13% were also the highest of the data series; at the same time, the Frontal Overrunning (FOR) frequency of only 10% was also the lowest of the data series.

All of this means that through most of December and January the atmospheric circulation was organized

primarily to bring to most of Louisiana an unusually persistent run of fair and cold weather, with not very much storminess and below normal precipitation. The fair weather types, (PH, CH, CR, and GH), were unusually frequent, and the stormy types, (FOR and FGR) unusually infrequent. In general, the frequent cold fronts progressed rapidly across Louisiana and moved far out into the Gulf of Mexico.

Dr. Robert A. Muller, State Climatologist
Department of Geography and Anthropology
LSU, Baton Rouge, LA 70803

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directional entries in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1953.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:

	<u>Soil Type</u>	<u>Soil Cover</u>	<u>Degree of Slope</u>
	Calhoun Exp Station	: Ruston fine sandy loam	Bare
	Clinton 5 SE	: Buff Terrace	Bare
	Crowley Exp Station	: Coastal Prairie	Bare
	Houma	: Moon silt clay loam	Bare
	LSU Dean Exp Sta		
	Station	: Red River alluvial	Bare
	Red River Valley Exp Sta		
	Saint Joseph Exp Sta	: Sharkey clay	Bare
	Winnsboro	: Bluff Terrace	Bare

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- + No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- ++ And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Cage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gauge Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45¢ single copy; \$1.00 foreign; 45¢ annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.

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177: 86/2

Climatological Data



LOUISIANA

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	LEESVILLE	86	DATE	21
LOWEST TEMPERATURE:	2 STATIONS	11	DATE	12+
GREATEST TOTAL PRECIPITATION:	PLAQUEMINES EXP STA	15.94		
LEAST TOTAL PRECIPITATION:	ROOESSA	1.30		
GREATEST 1 DAY PRECIPITATION:	PLAQUEMINES EXP STA	9.42	DATE	10
GREATEST TOTAL SNOWFALL:	MONROE NLU	.2		
GREATEST DEPTH OF SNOW OR ICE:	6 STATIONS	T	DATE	11+

SUPPLEMENTAL DATA

	WIND ISPEED - M.P.H.						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BATON ROUGE WSO AP	36	0.8	7.1	29++	32	11	80	86	61	61	5	3	3	1	2	1	15	-	7.2	
LAKE CHARLES WSO AP	7	1.3	9.3	32++	34	11	82	84	62	66	7	3	2	0	0	1	13	59	7.4	
NEW ORLEANS WSCMO AP	2	2.2	8.3	37++	23	10	79	81	63	64	3	5	0	2	2	1	13	46	7.1	
SHREVEPORT WSO AP	24	1.5	8.1	25++	31	22	72	81	56	54	0	3	1	3	1	0	8	51	6.8	



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
FEBRUARY 1981

STATION	TEMPERATURE														PRECIPITATION														
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS						TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS					
											MAX.		MIN.		TOTAL	DEPARTURE FROM NORMAL					GREATEST DAY	DATE	TOTAL	MAX. DEPTH	ON GROUND	DATE	1.00 OR MORE	1.50 OR MORE	1.00 OR MORE
											32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW															
NORTHWEST 01																													
COTTON VALLEY	60.0	33.4	46.7		81	21	12	12+	507	1	0	1	11	0	4.89		3.16	10		T		5	4	3	1	2			
LOGANSPOUT 4 ENE	64.6	38.4	51.5		85	20	13	11	379	9	0	0	7	0	4.13	-.00	1.60	10	.0	0	0		5	3	1	0			
PLAIN DEALING	60.8	35.5	48.2	- 1.4	81	21	13	11	473	7	0	0	11	0	3.06	- 1.36	1.00	10	.0	0	0		4	3	1	0			
RED RIV VALLEY EXP STA	59.5	32.9	46.2	- 2.1	82	21	11	12+	519	0	0	1	11	0	2.77	- 1.34	1.44	10	.0	0	0		5	2	1	0			
	60.3	34.8	47.6		82	21	13	12+	485	0	0	1	10	0	2.61		.98	10	.0	0	0		5	2	1	0			
SHREVEPORT WSD AP	61.8	37.7	49.8	- .7	84	20	14	11	425	5	0	1	9	0	3.83	.12	1.45	10	.1	T		5	5	4	1				
DIVISION			48.3	- 1.3											3.55	-.67			T										
NORTH CENTRAL 02																													
BIENVILLE 3 NE	61.3	37.4	49.4		80	27+	14	11	437	6	0	0	10	0	2.69		1.13	10		0	0		5	1	1				
CALHOUN EXP STATION	59.9	36.1	48.0	- 2.1	80	28+	14	11	473	5	0	1	11	0	2.13	- 2.52	.93	10	.0	0	0		4	3	1	0			
HOMER EXP STATION	59.1	33.5	46.3		80	21	11	11	518	0	0	1	13	0	2.89		1.05	10	.0	0	0		5	1	0				
MONROE FAA AP	59.6	39.4	49.5	- .3	78	27	16	11	430	4	0	1	8	0	3.76	- 1.07	1.70	1	T			5	6	3	2				
MONROE NLU	58.9	37.1	48.0		79	28+	14	11	473	5	0	1	11	0	4.02		1.43	1	.2	T			6	3	2				
RUSTON-LA TECH UNIV	60.3	35.5	47.9	- 1.2	82	28+	12	11	478	7	0	0	12	0	3.01	- 1.75	1.20	10	.0	0	0		6	2	1				
WINNFIELD 2 W	63.7	37.8	50.8	- .7	84	20	14	11	395	4	0	0	9	0	2.72	- 2.39	1.04	10	T	T	11		6	2	1				
DIVISION			48.6	- 1.3											3.03	- 1.82			T										
NORTHEAST 03																													
BASTROP	63.5M	39.0M	51.3M	1.4			15	11	368	7	0	0		0	2.33	- 2.72	1.03	10	.0	0	0		3	2	1				
EPPS 6 WNW	58.8	38.3	48.6		79	27	16	11	457	3	0	1	9	0	3.32		1.42	1	.0	0	0		5	2	1				
LAKE PROVIDENCE	58.4M	37.0M	47.7M	- 1.4	79	27	16	12+	476	3	0	1	11	0	4.98	- .52	2.00	1	.0	0	0		5	4	0				
SAINT JOSEPH EXP STA	59.4	39.1	49.3	- 1.7	80	28	18	12	437	3	0	1	9	0	3.27	- 1.74	.95	10	T		11+		5	2	1				
TALLULAH	59.4	36.8	48.1	- 1.9	82	28	15	12	471	4	0	1	9	0	4.42	- .60	3.10	1	.0	0	0		5	2	1				
WINNSBORO	60.0	36.5	48.3	- 2.2	80	28	17	12+	465	3	0	1	10	0	4.13	- .73	2.54	1	.0	0	0		5	2	1				
DIVISION			48.9	- 1.0											3.74	- 1.44			T										
WEST CENTRAL 04																													
ASHLAND	59.8	34.8	47.3		81	21	13	11	489	1	0	1	12	0	2.76		1.29	10	T	0	0		5	2	1				
CONVERSE	61.4	34.3	47.9		82	21	13	12+	472	0	0	0	10	0	4.47		2.20	10	T	0	0		6	3	2				
LEESVILLE	63.5	37.6	50.6	- 2.4	86	21	16	11	407	8	0	0	8	0	5.45	.46	3.95	1	.0	0	0		6	2	1				
MANY	62.6	34.7	48.7		85	21	13	12+	455	3	0	1	11	0	1.96		.74	10	T	0	0		5	1	0				
NATCHITOCHES	59.3	36.9	48.1	- 4.5	81	21	13	12	469	1	0	0	9	0	2.91	- 1.80	.99	10	.0	0	0		5	3	0				
ROSEPINE EXP STATION	62.1	38.3	50.2		81	21	16	11	411	4	0	0	8	0	3.59		2.28	1	.0	0	0		5	1	1				
DIVISION			48.8	- 3.3											3.52	- 1.20			T										
CENTRAL 05																													
ALEXANDRIA	62.3	37.1M	49.7M		80	21	14	12	417	3	0	0	9	0	3.26		1.65	2	.0	0	0		4	2	1				
BELAH FIRE TOWER	61.3	39.4	50.4		80	21	17	12+	415	9	0	0	9	0	2.31		1.70	1	.0	0	0		8	1	1				
BOYCE 3 WNW	61.9	38.1	50.0		83	20	16	12	415	4	0	0	9	0	4.71		3.10	1	.0	0	0		5	3	1				
BUNKIE	61.8	39.4	50.6	- 2.0	82	21	20	12+	408	10	0	0	7	0	2.78	- 2.09	.92	2	.0	0	0		5	3	0				
GRAND COTEAU	64.0	43.3	53.7		80	20	21	11	320	9	0	0	5	0	4.44	- .58	1.61	6	.0	0	0		7	3	2				
JONESVILLE LOCKS	60.9	37.7	49.3		79	21	18	12	433	2	0	0	9	0	2.76		1.13	2	.0	0	0		5	2	1				
LSU DEAN LEE EXP STA	61.1	39.3	50.2		81	21	19	12+	415	9	0	1	8	0	2.83		1.02	1	.0	0	0		6	2	1				
MAMOU 4 S	64.5	45.9	55.2		79	27+	25	12+	281	15	0	0	3	0	4.77		2.05	10	.0	0	0		6	4	2				
MELVILLE	62.5	40.6	51.6	- 3.0	80	28+	21	12+	379	10	0	0	7	0	4.16	- 1.07	1.78	6	.0	0	0		7	2	1				
NEW ROADS 5 ESE	62.4	40.4	51.4		80	21	21	12	380	6	0	0	7	0	5.07		2.77	6	.0	0	0		8	2	1				
OLD RIVER LOCK	62.7M	39.5	51.1M		79	22+	19	12	390	9	0	0	9	0	4.37		1.27	10	T	0	0		6	4	2				
OLLA 3 SSW	61.0	35.3	48.2		81	21	15	12	468	1	0	0	11	0	5.41		3.23	1	.0	0	0		6	3	1				
WOODWORTH 2 SE	61.8	39.7	50.8		84	21	19	12+	401	9	0	0	7	0	2.66	- 2.25	1.10	1	.0	0	0		6	2	1				
DIVISION			50.9	- 2.2											3.89	- 1.09			T										
EAST CENTRAL 06																													
AMITE	63.8	39.9	51.9	- 1.4	82	21	17	12	368	6	0	0	6	0	7.65		2.33	6	.0	0	0		8	4	4				
BATON ROUGE WSD AP	63.0	42.5	52.8	- 1.1	80	27	21	12	345	7	0	0	4	0	7.07		2.90	5	T	0	0		7	4	3				
BOGALUSA	63.9	38.1	51.0	- 2.3	83	28	18	12	387	1	0	0	9	0	11.78	6.62	4.67	10	.0	0	0		9	4	4				
CLINTON 5 SE	62.1	39.0	50.6	- 2.9	79	28+	18	12	399	1	0	0	8	0	4.85	- .37	1.61	6	.0	0	0		7	3	1				
COVINGTON 4 WNW	64.7	40.9	52.8	- 2.0	81	20	17	3	338	2	0	0	6	0	10.00	4.80	5.10	10	.0	0	0		8	3	2				
FRANKLINTON 3 SW	64.2	39.1	51.7		81	27	19	12+	366	1	0	0	7	0	8.01		3.93	10	.0	0	0		8	3	3				
HAMMOND 3 NW	63.0	40.0	51.5	- 3.6	80	28	19	3	371	1	0	0	6	0	10.38	4.83	3.50	6	.0	0	0		9	4	4				
LSU BEN-HUR EXP STN	63.0	40.7	51.9		81	21	22	12	367	6	0	0	7	0	8.08		3.50	6	.0	0	0		7	4	2				
SLIDELL WSD	62.1	42.6	52.4		78	28	22	12+	347	0	0	0	6	0	9.55		3.32	10	.0	0	0		9	6	4				
DIVISION			51.8	- 2.1											8.60	3.36			T										
SOUTHWEST 07																													
CROWLEY EXP STATION	62.4	40.8	51.6		78	25+	22	11	373	4	0	0	6	0	4.51	-.25	2.57	6	.0	0	0		7	3	1				
DE QUINCY 4 N	63.8	37.2M	50.5M		80	25+	17	11	412	4	0	0	8	0	3.63	- 1.24	1.46	2	.0	0	0		5	3	2				
DE RIDDER	62.3	39.1	50.7		83	21	19	11	400	7	0	0	8	0	3.69		1.80	1	.0	0	0		6	3	1				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
FEBRUARY 1981

STATION		TEMPERATURE													PRECIPITATION										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS				
										MAX.	MIN.	24" OR BELOW	32" OR BELOW	32" OR BELOW				TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	100 OR MORE		
ELIZABETH		62.4	39.2	50.8	- 2.0	83	21	18	11	403	10	0	0	8	0	2.12	- 2.77	1.03	2	.0	.0		4	1	1
HACKBERRY 8 SSW		61.5	43.2	52.4	- 2.1	74	28+	22	12+	349	0	0	0	4	0	2.57	- 1.34	1.21	6	.0	.0		5	2	1
JENNINGS		61.9	40.8	51.4	- 4.2	77	28+	22	12+	379	5	0	0	6	0	5.56	- 1.39	2.83		.0	.0		3	1	1
LAKE CHARLES WSO AP		62.2	42.8	52.5	2.6	77	24	22	11	344	4	0	0	4	0	3.13	- 1.34	2.43		.0	.0		5	2	1
OBERLIN FIRE TOWER		63.0	40.9	52.0		82	25+	19	11	374	16	0	0	7	0	2.96		1.19	6	.0	.0				
ROCKEFELLER WL REFUGE		61.3	42.7	52.0		75	20	23	12	359	1	0	0	6	0	2.53		1.22	6	.0	.0		5	2	1
VERMILION LOCK		61.2	41.8	51.5		78	25	23	13+	374	3	0	0	6	0	2.70		1.35	6	.0	.0		6	2	1
DIVISION				51.5	- 2.9											3.34	- 1.35			T					
SOUTH CENTRAL 08																									
CARVILLE 2 SW		62.6	41.1	51.9	- 2.9	78	28+	21	12	362	1	0	0	6	0	6.46	- 1.51	2.00	6	.0	.0		7	5	3
FRANKLIN 3 NW		64.3	43.0	53.7	- 2.6	79	27+	23	12	313	2	0	0	4	0	4.38	- .46	1.22	10	.0	.0		7	3	2
JEANERETTE EXP STN		62.3	40.8	51.6		78	28+	23	13+	373	2	0	0	6	0	3.69	- .92	1.82	6	.0	.0		6	1	1
LAFALETTE FAA AP		62.6M	43.4M	53.0M	- 1.7	78	20	22	12	337	4	0	0	3	0	3.96	- .68	1.83	5	.0	.0		6	2	1
MORGAN CITY		63.4	41.0	52.2	- 4.6	79	25	25	13+	351	0	0	0	5	0	8.03	3.11	2.05	10	.0	.0		6	5	4
NEW IBERIA 5 NW		62.2	41.1	51.7		79	25	24	13+	368	2	0	0	6	0	4.03		2.00	6	.0	.0		6	3	1
DIVISION				52.4	- 3.0											5.09	.37			.0					
SOUTHEAST 09																									
BOOTHVILLE WSCMO CI		63.2	47.7	55.5		74	28+	21	12	260	2	0	0	1	0	6.77		1.99	10	.0	.0		8	5	3
DELTA-BRETON WL REF		61.4	45.9	53.7		72	17	33	12	309	0	0	0	0	0	5.04		1.78	16	.0	.0		7	4	2
ONALDSONVILLE		63.0	43.9	53.5	- 3.0	80	28+	23	12	330	10	0	0	5	0	7.98		2.30	10	.0	.0		7	5	4
GALLIANO		62.7M	44.4M	53.6M				27	12+	316	1	0	0	3	0	14.14		6.90	11	.0	.0		7	5	3
HOUMA		63.3	43.9	53.6	- 4.1	79	21	27	12	317	5	0	0	5	0	9.53	4.92	2.95	10	.0	.0		5	4	3
LOUISIANA NATURE CTR		63.0	42.9	53.0		80	28	23	12	335	3	0	0	5	0	8.34		2.29	10	.0	.0		7	4	4
NEW ORLEANS WSCMO AP		64.9	45.6	55.3	- .3	81	27	26	12	275	12	0	0	2	0	8.34	3.52	4.33	10	.0	.0		7	5	3
N O ADOON WSO CI		65.5	48.6	57.1	.7	80	27	29	12	231	16	0	0	1	0	7.98	3.17	4.12	10	.0	.0		7	4	2
PARADIS 7 S		64.2	43.8	54.0		80	21+	24	3	310	9	0	0	4	0	9.26	3.99	5.00	10	.0	.0		9	4	2
PLAQUEMINES EXP STA		63.3	44.6	54.0		76	28+	26	12	303	2	0	0	4	0	15.94		9.42	10	.0	.0		6	5	3
RESERVE		63.9	41.2M	52.6M	- 1.8	80	28	23	12	341	0	0	0	5	0	10.00	4.69	3.35	10	.0	.0				
SAINT BERNARD		64.0	43.1	53.6		78	28+	23	12	318	4	0	0	7	0	12.91		8.80	10	.0	.0		8	4	2
THIBODAUX		63.9	44.3	54.1	- 2.6	80	28+	25	12	307	9	0	0	5	0	8.14	2.87	2.50	10	.0	.0		6	5	4
DIVISION				54.1	- 2.6											9.57	4.77			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

LOUISIANA
FEBRUARY 1981

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																																
BETHANY	4.39	1.18	.06		.33	.26					1.43												1.13									
BOUCAU FIRE TOWER	4.20	1.85			.29	.05			.03		1.46												.52									
COTTON VALLEY	4.89	.65	.04		.03	.12			.07		3.16	T											.79									
GLOSTER 1 W	2.55	.52			.18	.28					1.07												.50									
GREENWOOD FIRE TOWER	4.23	1.05			.45	.08					1.48												1.17									
HANNA 3 S	2.91	.29	.32		T	.29			T	T	1.58	T	.02										.41									
HOSSTON	1.56	.32			.04	.17					.82	T											.21									
KEITHVILLE	2.98	.52	.02		.14	.28			T	.14	1.12												.76									
KORAN	2.73	.63	.06		.15	.45				T	.92												.49									
LOGANSPOUT 4 ENE	4.13	.72			.32	.21		.01			1.60											1.27										
MANSFIELD 3 WSW	3.24	.96	.10		.11	.43					1.14	.02											.48									
MARTIN FIRE TOWER	2.62	.54			.34	.35		T	.03		1.10	.02											.24									
MINDEN	3.06	.62			.04	.44				.04	1.00												.90									
MOORINGSPOUT 1 N	2.72	.75			.19	.16			T		1.90												.32									
PLAIN DEALING	2.77	.75	.01		.06	.10		.01	.05		1.44												.35									
RED RIV VALLEY EXP STA	2.61	.43	.02		.12	.37				.02	.98												.67									
ROBSON	2.64	.51	.04			.52				.03	.81												.73									
RODESSA	1.30	.34			.10	.08			.06		.53												.19									
SHREVEPORT DOWNTOWN	3.66	1.00			.25	.27					1.63												.51									
SHREVEPORT WSO AP	3.83	.68			.50	.27		.01	.05		1.45											.95										
SPRINGHILL	3.75	1.10			.03	.11		T	.12		1.91												.44									
NORTH CENTRAL 02																																
ANTIOCH FIRE TOWER	3.37	.64			.40	.05		.06	.03		1.49												.55									
BIENVILLE 3 NE	2.69	.46			.45	.46		.02	.03	.05	1.13	.03											.01									
CALHOUN EXP STATION	2.13	.26	.23		.03	.46		T	.03		.93	.01											.01									
COLUMBIA LOCKS	2.70	1.08	.73		T	.36		T	.02		1.10	.23											.15									
HOMER EXP STATION	2.89	.71	.09		.05	.21					1.05												.68									
JONESBORO FIRE TOWER	2.79	.50	.12		.32	.27		.05			1.15												.20									
MARION	2.88	.80			.33	.07		.09			1.12												.60									
MONROE FAA AP	3.76	1.70			.33	.76		.03	.03	T	1.22												.10									
MONROE NLU	4.02	1.43	.38		.03	.51					1.06	T											.23									
RUSTON	2.64	.42			T	.55		.02			1.15												.30									
RUSTON-LA TECH UNIV	3.01	.57				.48		.04			1.20												.41									
SAILES FIRE TOWER	2.70	.56			.34	.20		.03			.93												.52									
SPEARSVILLE FIRE TOWER	3.04	.75			.25	.45		.07			1.20												.45									
STERLINGTON	2.54	.25	.29		.10	.45		.03			1.45												.22									
WINFIELD 2 W	2.72	.27	.33		.02	.58			.03		1.04	.04											.23									
WINDONA FIRE TOWER	3.42	1.08	.12		.28	.34		.01	.12		.98	T											.24									
NORTHEAST 03																																
BASTROP	2.33	.90			.20	.03					1.03												.09									
EPPS 6 WSW	3.32	1.42	.36		.05	.44		.02			.82												.07									
LAKE PROVIDENCE	4.98	2.00	1.66		.18	.50					.55												.09									
OAK GROVE 2 W	3.09	1.52	.45		.12			.02			.58	.12											.08									
SAINT JOSEPH EXP STA	3.27	.87	.68		.01	.52		.01			.95	.06											.15									
STEVENSON FIRE TOWER	2.33	.86			.14						1.13												.20									
TALLULAH	4.42	3.10	.72		.05			.01			.26												.12									
WINNIBORO	4.13	2.54	.84		T	.33		.02			1.1	.15											.09	.05	T							
WEST CENTRAL 04																																
ASHLAND	2.76	.32	.25		.06	.53				T	1.29	.04											.20									
CONVERSE	4.47	1.00	.28		.10	.52					2.20	T											.35									
GORUM FIRE TOWER	5.10	3.70	1.1		.32	.40					.32	T											.15									
GRAND ECORE	2.51	.25	.34		.09	.57		.03			.90												.25	T								
HODGES GARDENS	1.77	.50	.03		.75						.29												.20									
LEESVILLE	5.45	3.95	.43		.17	.52					.20												.18									
MANY	1.96	.46			.14	.38					.74	T											.24									
NATCHITOCHES	2.91	.55	.38		.09	.57					.99	T											.25									
ROSEPINE EXP STATION	3.59	2.28	.35		.08	.48		.01			.16												.20									
SLAGLE	5.20	3.80	.32		.07	.49					.31												.20									
CENTRAL 05																																
ALEXANDRIA	3.26	1.65			.05	.87		.02			.28												.19									
BEAVER FIRE TOWER	2.22	.50	.20		.15	.75		.12	T		.20	T											.15									
BELAH FIRE TOWER	3.31	1.70	.13		.21	.36		.10	.03		.35												.25									
BOYCE 3 WSW	4.71	3.10			.01	.56					.16												.03									
BUNKIE	2.78	.92				.68					.86												.20									
EUNICE	5.65	1.04			.05	2.61					1.04	.52											.15									
GRAND COTEAU	4.44	.62	T		1.44	1.61					.25	T											.13									
JONESVILLE LOCKS	2.76	.06	1.13		.04	.69		.05	T		.40												.25									
LSU DEAN LEE EXP STA	2.83	1.02	.68		.03	.49					.18	T											.20									
HAMOU 4 S	4.77	1.03			.87	.50					2.05												.17									
MARKSVILLE	2.50	.24	.86		T	.61					.41												.18									
MELVILLE	4.16	.06	.82		.01	1.78		.02			.30	.45											.13									
NEW ROADS 5 ESE	5.07	.10	.72		.27	.27					.47	.03											.23									

DAILY PRECIPITATION

LOUISIANA
FEBRUARY 1981

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KENTWOOD	5.33	.05	1.21			.02	1.51			.03	1.00	.57				.19	.16	.45						.14									
LIVERPOOL 3 ENE	5.88	.05	1.35			T	1.55			.05	1.30	.55				.13	.15	.60				T											
LIVINGSTON	8.40	.07	.98			T	4.18				1.63	.93				.25	.19	.02															
LSU BEN-HUR EXP STN	8.08						3.50		.01		1.91	.45			11	T	.44	.66	.03		T												
OAKNOLA	5.36	.01	1.08				1.98			.03	.87	.51					.37	.13	T														
PEARL RIVER LOCK 1	12.70	.24	1.13				2.70		.05		5.10	1.85					.17	.34	.96					.16									
PINE GROVE FIRE TOWER	7.08	.53	.44			.12	2.62		.01		2.04	.14					.20	.75	.08					.15									
SAINT FRANCISVILLE	4.89	.02	.78			T	2.15		.01		.57	.27					.51	.28	.03		T			.27									
SHERIDAN FIRE TOWER	10.52	.82	1.11			.08	2.52		.03		4.08	.35					.23	.76					.42										
SLIDELL WFO	9.55	.18	1.06			T	1.75		.01	.01	3.32	1.58			T		.20	.50	.69			.03		.16	.06								
SPRINGVILLE FIRE TOWER	10.66	.80	.60			.11	3.53				4.50	.37					.25	.29	.05					.16									
WATSON 3 ENE	6.37	T	.81			.03	2.68		T		1.46	.70			T		.31	.15	.01					.22									
ZACHARY 2 ESE	5.66	T	.91			T	2.47		T	.02	.73	.53			T		.47	.22	T			T		.31									
SOUTHWEST 07																																	
ABBEVILLE	2.53	T	.12			T	1.92		T		.20						.16	.02	T			.06		.05									
CROWLEY EXP STATION	4.51		.65				10.257				.56	.15		.09	.01	.01	.01		.07		.11		.15					.01	.02				
DE GUINCY 4 N	3.63		1.46				1.25		T		.60						.25	.19					.20										
DE RIDDER	3.89	1.80	.50				.05				.25	.19											.15										
ELIZABETH	2.12		1.03				.06	.41			.35	.08						.01	.02				.01										
HACKBERRY 8 SSW	2.57	.16	.09			.72	1.21		.03		.14						.01				.11		.01	.09									
JENNINGS	5.56	.05	.75			.12	2.83				1.31	.17					.05	T				.14		.14									
KINDER 3 W	3.00	.25	.50			.05	1.45				.45												.30										
LAKE CHARLES 2 N	4.01	T	.30				14.3.10				.16	.10											.21										
LAKE CHARLES WSO AP	3.13	.38			T	2.43	T		T	.04	.09	T					T			.09			T	.10									
LONGVILLE	3.13	.10	1.10				1.14				.39	.13												.27									
MERMENTAU	4.31	.05	.75			.10	2.39				.75	.11											.16										
MITTIE 2 SE	2.42		1.10				.98		.02		.07						.06						.19										
OAKDALE	1.98		.91				.06	.57			.16												.28										
OBERLIN FIRE TOWER	2.76	.60				.40	1.19		.02		.41						.02	.02	T		.05		.25										
ROCKEFELLER WL REFUGE	2.53		.59			.05	1.22		.03		.18	.30											.06										
SUGARTOWN	2.65	.72	.93			.02	.54				.42												.02										
SULPHUR	3.29	.35	T			.16	2.18				.30	T								T		.05		.20							.05		
VERMILION LOCK	2.70		.32			T	1.35				.02	.57					.23			T		.11	.10										
VINTON	4.29	.03	.94			.10	2.65				.28			T						.09		T		.20									
SOUTH CENTRAL 08																																	
BAYOU SORREL LOCK	6.56		1.20				2.40				1.50	.63					.60	.17						.06									
BUTTE LA ROSE	6.11		.71				.05	3.00			.30	1.35					.37	.10						.23									
CARVILLE 2 SW	6.46		1.16				.05	2.00		.30	.02						.46	.61	.02				.09										
FRANKLIN 3 NW	4.38	.83				.45	1.10		.02		1.22						.10	.42	.02		.02		.16										
JEANERETTE EXP STN	3.69	.04	.40			.06	1.82		.01	T	.35	.35					.10	.45	.03			.03	.01	.04									
LAFAYETTE FAA AP	3.96	.86				1.83	.44		T	.05	.31	T					.14	.07	.06		.05		.15										
MORGAN CITY	8.03		1.20			T	1.95		.01		2.05	2.02		.03	.01	.50	.04				.01		.15	.04	.01	.01							
NEW IBERIA 5 NW	4.03	.03	.40			.04	2.00				.30	.50					T	.10	.01			.05	.10										
PLAQUEMINE 2 N	8.70		1.00			.40	1.01		.01		2.00	.51		.02		.43	.62	.03			T		.07										
SOUTHEAST 09																																	
BOOTHVILLE WSCMO CI	6.77	.41	.60			.12	1.28		T	.02	1.99					.79	1.32	.03	.02			T	T	.18	.01								
DELTA-BRETON WL REF	5.04	.73	.57			.10			.06	.02	.08	.16					.23	1.78	.03	.02				.02									
ODNALOSONVILLE	7.98		1.10			T	2.05				2.30	1.10					.33	.97	.03			T		.10									
GALLIANO	14.14		.70				1.71		.03	.02	3.18	6.10					.25	.97		.04			.05	.22	.07								
GONZALES	8.18		1.13				2.35		.03		2.56	1.09					.24	.48	.05	.04		.01		.20									
HOUMA	9.53		.99				2.19				2.95	2.28					.29	.70	.01	.01		.02	T	.02	.05	.02							
LOUISIANA NATURE CTR	8.34	.01	1.06				1.83		T	T	2.29	2.12		T		.24	.49	.19	.01				.07										
NEW ORLEANS WSCMO AP	8.34	1.00				.75	1.29				4.33			T		.01	.78	.03	T		.02		.04										
N O BOBON WFO CI	7.98	1.06				.76	1.13			.01	4.12						.55	.13		.04			.17										
NEW ORLEANS ALGIERS	8.37	.10	.86				1.76				3.38	1.20					.21	.71	.07	.03			.05										
NEW ORLEANS O P S 14	5.53	.17	.70				1.72				1.80	.50					.19	.40		.02			.03										
NEW ORLEANS WATER PLT	7.92	.10	.81				1.37				2.10	2.62					.13	.67	.03	.02			.07										
NEW ORLEANS CITY HALL	8.98	.26	1.00			.01	1.85				3.36	1.33					.20	.80	.03	.02			.12										
NEW ORLEANS O P S 5	7.45	.09	.80				1.95				3.10	.60					.24	.54	.03	.05			.05										
NEW ORLEANS O P S 3	6.92	.11	1.07			.02	1.51				2.90	.54					.15	.55	.01	.02			.04										
NEW ORLEANS O P S 6	9.21	.16	1.11			.01	1.62				3.73	.96					.75	.79		.02			.06										
PARADIS 7 S	9.26	.35	.65			.10	2.04			.02	5.00	.10					.31	.53		.04			.12										
PLAQUEMINES EXP STA	15.94		.79																														

DAILY TEMPERATURES

LOUISIANA
FEBRUARY 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
COTTON VALLEY	MAX MIN	60 35	48 26	38 16	53 16	50 29	36 31	52 31	48 39	55 39	58 39	68 12	32 12	41 16	53 21	58 21	63 34	60 51	61 45	72 46	72 41	81 41	78 48	62 34	70 34	78 34	76 40	77 52	79 52			60.0 33.4	
LOGANSPOUT 4 ENE	MAX MIN	61 46	48 26	56 18	52 33	47 60	52 33	51 43	59 37	59 43	73 44	44 13	43 18	55 28	58 24	66 27	64 40	67 52	75 40	75 52	85 43	80 59	74 47	75 39	82 34	76 44	78 50	80 46	75 62			64.6 38.4	
MINDEN	MAX MIN	60 49	39 26	37 17	52 18	60 30	37 32	52 32	48 40	56 38	57 40	69 13	35 15	42 18	56 24	57 27	65 36	59 50	60 43	75 45	71 47	81 53	76 49	63 40	70 35	77 37	79 43	80 54	78 57			60.8 35.5	
PLAIN DEALING	MAX MIN	54 34	49 25	38 16	52 17	48 29	36 29	52 31	48 35	55 36	59 38	66 11	57 11	42 16	51 24	57 26	63 35	63 49	62 44	71 44	70 40	82 42	79 42	61 37	70 34	76 35	77 40	77 50	78 50			59.5 32.9	
RED RIV VALLEY EXP STA	MAX MIN	57 35	50 26	41 19	54 19	49 31	38 31	53 35	49 41	56 37	58 38	70 13	32 13	42 18	53 26	58 26	63 36	62 48	64 44	73 46	72 42	82 42	74 47	62 42	70 36	78 36	75 45	75 51	77 51			60.3 34.8	
SHREVEPORT WSO AP	MAX MIN	59 34	41 23	53 18	48 34	42 32	51 36	50 43	57 40	57 38	71 23	32 14	40 18	51 31	58 28	62 29	64 44	65 44	73 42	73 50	84 41	77 60	65 46	74 44	80 38	77 45	75 51	78 51	73 58			61.8 37.7	
NORTH CENTRAL 02																																	
BIENVILLE 3 NE	MAX MIN	69 34	39 22	51 16	50 30	39 32	50 33	49 39	56 40	57 34	71 26	34 14	42 18	54 30	58 28	61 30	56 51	62 53	74 46	70 51	72 42	77 55	61 45	71 42	80 34	79 43	80 46	80 53	75 60			61.3 37.4	
CALHOUN EXP STATION	MAX MIN	63 48	38 27	39 16	51 18	51 30	36 31	52 34	49 39	53 31	57 37	72 12	32 15	40 20	50 25	54 27	59 47	56 52	62 46	73 48	76 46	79 47	63 53	69 42	69 35	77 42	78 46	80 52	80 55			59.9 36.1	
HOMER EXP STATION	MAX MIN	61 46	37 25	37 15	50 18	49 29	35 29	50 29	48 37	54 35	57 30	69 11	32 12	41 17	52 24	57 24	63 36	56 50	60 42	71 46	71 40	80 60	76 47	60 44	69 34	77 34	76 48	79 49	78 50			59.1 33.5	
MONROE FAA AP	MAX MIN	62 35	39 28	48 23	47 30	36 30	51 33	51 40	50 36	57 35	71 30	31 16	34 20	47 32	50 28	59 38	59 52	64 55	71 52	75 51	75 45	75 56	67 46	68 45	74 39	77 45	77 47	78 52	75 60			59.6 39.4	
MONROE NLU	MAX MIN	62 35	49 28	39 18	50 25	48 30	35 30	51 35	50 39	57 32	58 38	70 14	31 15	35 22	47 26	53 28	59 45	58 52	64 52	71 49	75 45	76 54	68 45	68 35	75 42	78 43	79 52	79 56			58.9 37.1		
RUSTON-LA TECH UNIV	MAX MIN	63 40	48 25	40 16	52 21	51 28	35 30	52 30	48 38	54 31	59 37	73 12	34 14	39 18	53 25	56 32	60 36	54 51	61 44	74 46	74 47	82 55	61 49	70 41	78 35	79 44	79 44	82 54			60.3 35.5		
WINNFELD 2 W	MAX MIN	58 34	42 26	52 15	52 31	45 31	50 33	52 35	55 42	57 32	73 52	60 14	41 16	52 30	57 24	56 33	56 50	67 53	74 48	77 50	84 43	79 56	70 51	72 41	81 33	80 41	80 43	81 51	80 50			63.7 37.8	
NORTHEAST 03																																	
BASTROP	MAX MIN		25 19		48 32	40 30	53 33	50 37		56 33	52 52	70 15	37 17		54 26	61 37	60 52	64 55	71 54	77 54			78 49	70 44	77 42	81 47	80 49		80 57			63.5 39.0	
EPPS 6 WNW	MAX MIN	63 40	48 28	38 22	46 27	46 31	37 29	52 35	51 37	51 35	59 39	68 16	30 17	35 20	47 20	50 35	57 46	64 52	68 54	69 52	76 49	77 56	75 54	61 40	68 41	75 47	77 45	79 52	78 52			58.8 38.3	
LAKE PROVIDENCE	MAX MIN	62 30		38 28	45 28	45 30	37 30	53 36	50 36	50 34	58 38	67 16	28 16	35 18	47 29	49 32	59 44	64 52	72 54	69 49	76 47	78 53	76 56	62 39	68 39	74 46	78 45	79 53			58.4 37.0		
SAINT JOSEPH EXP STA	MAX MIN	67 42	49 29	22 22	45 28	48 32	37 31	48 36	51 42	52 37	58 42	67 19	31 18	42 20	49 30	52 36	57 45	68 54	71 51	70 48	75 52	77 56	73 61	68 40	76 46	74 44	77 48	80 56			59.4 39.1		
TALLULAH	MAX MIN	65 36	50 25	39 17	47 17	47 32	37 30	48 35	52 38	50 33	58 36	59 17	29 15	38 17	49 29	53 33	58 46	64 53	72 53	70 48	76 45	79 49	76 56	62 39	69 36	75 41	78 41	80 47	82 54			59.4 36.8	
WINNSBORO	MAX MIN	66 38	50 28	41 21	48 21	49 32	36 31	48 35	51 40	53 34	61 37	70 17	32 17	37 19	48 28	53 32	59 44	66 53	68 54	72 44	69 45	79 49	65 44	72 37	76 38	77 43	77 41	80 55			60.0 36.5		
WEST CENTRAL 04																																	
ASHLAND	MAX MIN	63 35	50 25	39 14	40 18	50 29	37 32	52 35	50 40	56 34	58 39	71 13	32 14	41 20	51 25	60 31	61 50	57 50	63 45	72 45	71 41	81 46	77 50	61 30	70 30	78 38	78 43	77 49	79 53			59.8 34.8	
CONVERSE	MAX MIN	65 36	50 25	43 17	44 17	51 27	37 32	52 36	53 44	58 35	62 35	72 13	33 13	42 21	54 27	58 29	65 41	61 48	67 39	72 39	73 44	82 44	78 49	65 40	73 33	79 34	74 43	77 51			61.4 34.3		
LEESVILLE	MAX MIN	66 50	50 29	45 19	54 26	54 34	39 34	52 39	56 44	62 33	63 43	78 16	37 19	45 24	56 25	60 32	63 49	58 53	65 41	74 45	80 46	86 53	79 51	65 33	74 33	81 45	76 43	79 48	80 56			63.5 37.6	
MANY	MAX MIN	65 35	55 26	44 15	55 19	52 32	37 32	52 36	55 44	59 35	62 37	75 13	27 13	42 26	54 24	60 29	65 45	59 49	65 37	75 40	76 43	85 48	65 38	74 32	80 36	76 41	79 47	80 51			62.6 34.7		
NATCHITOCHES	MAX MIN	63 50	39 28	21 21	51 25	48 34	37 32	48 35	51 40	54 36	57 33	72 14	33 13	38 19	50 29	54 30	56 43	65 48	64 47	70 47	74 81	81 47	76 52	62 46	71 39	74 39	75 48	79 53			59.3 36.9		
ROSEPIKE EXP STATION	MAX MIN	67 38	50 30	45 20	53 26	54 34	39 34	51 39	56 46	60 34	63 42	77 16	37 17	40 22	55 29	55 32	61 47	58 52	66 42	70 45	79 51	81 55	77 51	65 40	73 37	79 44	73 46	79 50	77 54			62.1 38.3	
CENTRAL 05																																	
ALEXANDRIA	MAX MIN	67 39	69 30	46 21	50 25	56 32	39 33	53 57	58 47	57 57	60 42	73 15	38 14	37 17	52 25	53 25	58 40	59 48	65 44	71 47	79 43	80 47	78 54	65 43	74 37	79 46	74 46	77 50	78 55			62.3 37.1	
BELAH FIRE TOWER	MAX MIN	66 40	48 29	43 19	52 34	52 32	37 32	50 32	51 36	55 35	63 45	70 17	36 17	41 24	49 21	54 40	59 51	65 55	70 48	73 50	76 54	80 58	77 54	65 42	74 39	77 34	76 47	78 44	78 59			61.3 39.4	
BOYCE 3 WNW	MAX MIN	64 37	40 30	50 25	52 36	44 33	51 34	55 44	57 44	59 38	70 32	36 17	42 16	42 31	55 29	56 29	67 32	65 41	69 48	76 55	83 53	77 53	65 48	73 43	77 44	74 36	79 49	78 52	78 43			61.9 38.1	
BUNKIE	MAX MIN	68 37	68 41	43 23	51 26	55 37	35 35	49 39	55 46	56 37	63 39	70 20	36 20	33 23	48 29	53 33	56 40	61 43	67 49	70 53	79 55	82 58	77 64	73 46	73 39	78 41	78 46	78 54			61.8 39.9		

DAILY TEMPERATURES

COULIANA
FEBRUARY 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GRAND COTEAU	MAX MIN	67 47	49 30	51 24	55 35	52 36	50 37	58 46	58 47	65 39	70 55	66 21	41 22	47 31	51 33	59 44	59 53	68 50	66 50	74 49	80 59	76 59	72 55	73 49	77 44	75 51	78 44	78 48	76 55			64.9 43.1	
JONESVILLE LOCKS	MAX MIN	67 38	62 30	43 24	48 25	51 34	39 33	51 36	56 43	54 36	60 41	70 19	33 18	39 20	49 22	50 30	63 32	65 48	70 49	71 49	76 49	75 56	63 41	71 41	73 41	76 45	73 47	78 48	78 53			60.9 37.7	
LSU DEAN LEE EXP STA	MAX MIN	69 39	50 30	42 22	50 22	51 35	39 33	50 37	55 44	50 38	61 40	74 19	32 19	38 21	49 28	54 31	56 45	58 52	67 48	71 52	79 53	81 56	78 58	74 51	73 38	77 48	75 40	78 49	79 53			61.1 39.3	
MAMOU 4 S	MAX MIN	68 41	49 34	49 27	58 39	55 38	51 39	57 46	58 50	65 41	70 56	70 25	42 25	47 34	55 36	58 47	61 34	71 36	68 47	75 54	79 56	77 53	73 55	73 41	72 37	71 48	78 48	79 54	76 53			64.5 45.9	
MELVILLE	MAX MIN	69 39	65 30	45 21	57 29	54 37	40 35	51 38	57 46	58 37	64 45	66 22	35 21	43 22	48 31	52 41	63 45	65 50	69 51	69 47	76 60	80 58	76 57	64 43	74 40	78 50	75 42	78 47	80 52			62.5 40.6	
NEW ROADS 5 ESE	MAX MIN	70 44	71 31	45 24	51 29	54 35	43 35	51 40	55 40	59 36	69 40	64 23	35 21	42 24	53 33	53 30	58 48	64 53	71 53	65 49	76 54	80 56	77 59	65 47	72 39	77 48	74 42	77 46	77 53			62.4 40.4	
OLD RIVER LOCK	MAX MIN	68 40	68 31	43 21	50 20	53 30	34 34	53 43	57 43	56 38	63 43	67 27	34 19	40 20	48 31	55 32	58 43	63 53	69 52	67 47	78 50	79 54	63 55	72 43	72 40	77 50	77 47	78 52				62.7 39.5	
OLLA 3 SSW	MAX MIN	65 37	50 28	42 16	52 31	50 32	36 31	49 35	53 41	53 36	62 56	74 25	35 15	39 18	49 25	53 29	59 45	60 52	68 48	73 43	78 41	81 57	76 56	63 48	71 33	79 35	79 42	80 47	80 52			61.0 35.3	
WOODWORTH 2 SE	MAX MIN	59 39	59 28	42 22	45 22	57 34	39 34	50 38	55 45	59 37	61 41	74 19	38 19	38 21	50 30	52 35	56 43	59 52	68 50	70 53	77 53	84 54	78 55	74 45	74 42	79 46	74 48	81 51	81 55			61.8 39.7	
EAST CENTRAL	06																																
AMITE	MAX MIN	68 45	68 30	46 20	53 27	55 34	43 35	54 42	55 42	61 34	64 44	64 24	39 17	43 24	54 38	54 38	60 48	69 58	74 56	70 47	78 58	82 53	73 56	68 41	72 37	80 39	78 41	80 43	81 49			63.8 39.9	
BATON ROUGE WSO AP	MAX MIN	68 40	44 32	50 24	53 33	45 35	52 42	56 42	60 42	63 37	66 47	47 25	43 21	52 35	50 35	57 47	63 54	70 56	66 52	76 47	79 61	76 57	66 48	72 45	77 42	74 51	78 44	80 46	79 51			63.0 42.5	
BOGALUSA	MAX MIN	67 42	72 30	45 20	50 21	55 30	47 33	53 43	54 44	61 32	65 37	65 27	38 18	43 19	54 32	60 33	59 42	66 57	74 55	74 46	77 49	81 51	71 55	69 45	70 38	78 40	78 42	81 44	83 44			63.9 38.1	
CLINTON 5 SE	MAX MIN	67 43	68 30	43 19	52 23	54 30	42 34	52 39	54 44	59 33	62 38	62 22	35 18	41 32	52 32	52 35	59 48	69 58	73 54	67 48	75 54	79 53	74 56	65 43	70 39	78 45	77 40	78 42	79 50			62.1 39.0	
COVINGTON 4 NNW	MAX MIN	71 47	48 30	52 17	55 26	53 35	52 36	55 45	62 43	65 33	65 57	60 28	44 20	51 32	55 35	55 48	65 54	72 58	71 54	77 45	81 53	72 51	70 56	72 36	78 46	77 40	79 40	76 45				64.7 40.9	
FRANKLINTON 3 SW	MAX MIN	70 39	56 25	49 19	55 26	40 34	52 34	52 45	57 36	65 32	64 45	59 24	42 19	53 55	55 37	55 49	64 54	70 53	69 50	75 46	79 52	71 50	72 44	74 40	78 36	80 44	80 40	81 42	80 41			64.2 39.1	
HAMMOND 3 NW	MAX MIN	66 47	69 29	46 19	48 27	54 34	47 34	53 43	55 42	63 34	64 42	64 25	20 34	41 24	50 34	65 44	61 50	64 59	70 54	69 46	76 56	78 52	70 56	68 39	71 36	77 40	77 42	79 46	80 41			63.0 40.0	
LSU BEN-HUR EXP STN	MAX MIN	69 48	69 32	45 24	53 29	55 31	46 35	53 41	56 46	61 36	67 44	64 25	36 22	44 25	52 34	51 39	58 50	65 55	69 49	69 47	77 57	81 56	76 58	66 45	72 39	80 49	74 41	78 43	78 50			63.0 40.7	
SLIDELL WSO	MAX MIN	64 46	71 32	48 22	48 26	52 36	47 38	52 46	54 47	64 37	65 44	62 31	41 22	46 25	50 36	58 44	59 50	64 59	70 55	65 49	73 55	77 55	71 55	66 46	71 45	75 50	74 49	77 45	78 48			62.1 42.6	
SOUTHWEST	07																																
CROWLEY EXP STATION	MAX MIN	67 40	66 30	52 25	51 30	61 37	47 36	50 39	56 47	57 37	74 44	69 22	37 23	43 24	45 33	50 34	59 47	62 46	69 49	69 48	75 55	78 57	74 56	64 42	73 44	78 49	69 45	77 47	76 55			62.4 40.8	
DE QUINCY 4 N	MAX MIN	71 40	68 28	43 20	54 20	55 35	41 35	51 38	57 48	60 33	65 38	75 18	39 24	41 24	50 24	56 32	67 62	68 58	69 45	74 46	79 54	80 50	79 54	67 42	75 36	80 37	73 48	72 47	77 53			63.8 37.2	
DE RIDDER	MAX MIN	70 41	50 31	45 23	53 27	55 37	39 37	50 37	56 38	61 40	64 41	75 19	37 20	40 23	54 31	55 32	56 63	60 54	66 47	71 48	80 54	83 57	77 52	65 45	75 38	80 39	72 49	76 50	78 52			62.3 39.1	
ELIZABETH	MAX MIN	68 41	68 31	46 25	53 37	55 38	40 34	53 37	56 38	61 38	64 38	72 18	37 18	40 24	50 30	53 34	69 43	58 52	67 48	80 55	83 55	78 56	65 42	73 39	78 46	73 48	76 49	76 55				62.4 39.2	
HACKBERRY 8 SSW	MAX MIN	64 45	53 33	49 28	48 34	48 38	55 40	53 38	52 38	57 47	68 38	70 22	56 26	39 28	46 34	53 37	61 48	65 53	65 49	71 53	70 56	70 53	72 54	66 45	74 45	73 54	68 54	72 56	74 56			61.5 43.2	
JENNINGS	MAX MIN	67 40	64 30	46 25	51 27	56 38	41 35	51 40	58 47	58 39	75 40	69 35	38 22	46 25	51 33	51 35	62 47	61 51	66 49	71 49	73 54	77 58	75 56	64 46	72 44	77 46	69 48	77 50	77 54			61.9 40.8	
LAKE CHARLES WSO AP	MAX MIN	66 41	49 31	48 25	54 37	47 38	51 40	58 47	57 44	62 39	70 47	39 24	40 26	47 34	56 33	61 46	64 53	66 50	71 47	75 48	75 56	74 59	66 51	75 40	77 36	70 42	73 48	76 49	74 58			62.2 42.8	
OBERLIN FIRE TOWER	MAX MIN	68 42	51 27	49 22	53 32	57 36	41 35	49 39	55 47	59 36	65 44	71 19	39 22	42 28	50 30	55 37	65 48	60 52	68 47	72 47	81 56	82 60	78 53	67 42	77 40	73 52	77 46	77 49	79 57			63.0 40.9	
ROCKEFELLER WL REFUGE	MAX MIN	65 42	52 30	50 24	52 26	56 36	44 37	50 43	59 47	60 38	67 41	70 24	39 23	44 25	46 34	50 38	62 53	66 50	69 45	73 51	75 50	72 56	73 55	66 45	72 48	68 48	73 51	74 53	74 58			61.3 42.7	
VERMILION LOCK	MAX MIN	65 42	60 30	52 24	51 26	54 36	48 37	51 43	57 44	59 42	65 43	66 26	36 23	40 23	45 34	50 37	61 45	64 51	68 51	67 50	75 52	77 57	76 56	67 49	67 51	78 52	67 47	76 48	71 52			61.2 41.8	
SOUTH CENTRAL	08																																
CARVILLE 2 SW	MAX MIN	68 43	70 32	46 24	50 30	55 37	47 35	52 41	56 48	61 37	67 																						

DAILY TEMPERATURES

LOUISIANA
FEBRUARY 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW IBERIA S NW	MAX MIN	67 40	66 31	48 29	53 32	57 38	47 36	50 42	57 47	61 41	68 45	65 24	38 24	43 24	47 33	50 37	58 48	63 50	69 49	69 47	75 52	78 56	74 55	65 43	72 44	79 46	69 45	77 45	77 48				62.2 41.1
SOUTHEAST	09																																
BOOTHVILLE WSCMO CI	MAX MIN	74 50	53 40	47 34	51 33	57 42	56 48	55 50	56 49	67 45	70 59	68 37	43 31	48 40	51 44	57 48	71 52	64 57	69 52	72 53	73 60	71 56	65 55	70 50	72 49	71 49	71 52	74 48	74 53				63.2 47.7
DELTA-BRETON WL REF	MAX MIN	71 58	69 40	50 35	50 35	53 44	60 49	59 49	58 50	58 47	71 49	66 42	43 33	47 34	51 34	58 49	62 53	72 51	61 48	62 47	70 51	65 52	66 49	59 48	62 50	68 41	65 47	71 47	71 47	52			61.4 45.9
DONALDSONVILLE	MAX MIN	68 45	71 35	46 28	53 29	55 39	46 40	49 41	56 46	61 41	65 42	60 32	41 23	43 24	50 36	60 41	61 50	64 56	68 50	70 51	78 56	80 60	74 58	67 55	74 42	78 53	70 52	77 51	80 52				63.0 43.9
GALLIANO	MAX MIN	72 49	73 36	51 27	48 34	57 42	50 42	52 44	58 49	61 40	70 47	64 33	43 27	44 30	48 38	53 45	60 48	66 58	67 53	71 51	74 56	73 57	74 58	67 44	71 45	78 50	74 48	75 48				62.7 44.4	
HOUMA	MAX MIN	69 42	72 33	50 28	51 32	56 40	48 41	53 45	60 48	61 41	70 49	66 30	42 27	44 28	48 39	51 42	59 50	65 55	68 51	71 49	74 55	79 56	73 58	66 43	71 47	78 52	73 46	76 48	77 54				63.3 43.9
LOUISIANA NATURE CTR	MAX MIN	68 41	75 36	49 27	50 29	52 37	47 38	53 45	60 47	60 40	68 42	64 32	41 23	45 25	48 36	55 36	58 50	66 56	67 55	67 52	75 56	77 55	70 58	70 47	71 45	77 47	73 48	78 46	80 52				63.0 42.9
NEW ORLEANS WSCMO AP	MAX MIN	75 47	51 37	50 35	56 37	48 43	53 44	57 50	62 43	71 42	76 61	62 29	42 26	45 37	50 41	56 48	64 55	68 56	68 50	74 45	79 60	74 59	71 50	74 48	78 41	76 50	78 46	81 46	79 52				64.9 45.6
N O AOBON WSFO CI	MAX MIN	75 48	50 38	52 34	56 39	49 42	54 43	58 50	63 47	64 45	73 62	63 33	46 29	51 40	54 44	59 51	70 59	68 60	71 56	74 53	79 62	75 59	69 53	72 50	77 48	76 55	78 53	80 52	78 55				65.5 48.6
PARADIS 7 S	MAX MIN	72 48	51 30	49 24	54 34	55 38	52 40	56 47	61 47	64 37	70 54	60 29	43 25	47 36	53 39	54 47	65 51	65 57	66 51	74 49	80 59	80 56	74 57	71 38	77 45	77 51	75 44	76 44	76 50				64.2 43.8
PLAQUEMINES EXP STA	MAX MIN	74 47	50 36	47 30	55 29	55 41	51 42	55 47	60 47	62 39	68 57	63 32	43 26	47 37	51 41	55 46	66 51	64 52	69 54	73 49	76 57	74 56	70 57	71 41	76 43	74 49	73 46	76 46	76 51				63.3 44.6
RESERVE	MAX MIN	73 46	72 33	48 26	49 27	54 37	46 38	62 42	59 40	60 39	70 42	67 29	41 23	42 24	55 37	55 40	59 24	65 37	68 55	70 48	75 55	78 48	72 48	69 47	73 46	77 48	73 47	77 47	80 50				63.9 41.2
SAINT BERNARD	MAX MIN	76 48	48 33	48 27	55 34	54 32	51 31	56 30	61 28	61 40	70 58	63 31	44 23	46 35	51 40	52 47	69 50	66 53	69 54	76 51	77 59	76 56	71 57	71 49	76 46	74 50	75 49	78 46	78 49				64.0 43.1
THIBODAUX	MAX MIN	69 45	70 35	50 27	52 28	55 38	47 43	52 46	58 47	64 42	70 44	67 29	42 25	46 27	52 39	52 43	58 51	66 57	65 53	73 52	77 54	80 57	75 58	66 50	72 50	80 51	72 48	78 50	80 52				63.9 44.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

LOUISIANA
FEBRUARY 1981

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALHOUN EXP STATION	(IN)																																	
	4	MAX	54	52	46	49	51	44	53	49	56	52	61	52	47	52	51	52	53	58	63	66	68	67	61	63	66	66	68	70			56.8	
		MIN	48	46	45	41	42	43	43	46	46	46	52	47	42	42	42	45	50	52	52	54	54	57	49	49	50	53	56	58			48.2	
CLINTON 5 SF	(IN)																																	
	4	MAX	57	57	52	48	47	46	48	50	54	54	57	55	50	44	46	52	59	64	60	63	68	65	62	57	61	62	63	64			55.9	
		MIN	51	51	47	43	43	33	43	47	48	46	54	50	41	41	42	46	52	53	55	55	60	59	51	50	50	53	53	54			49.0	
CROWLEY EXP STATION	(IN)																																	
	4	MAX	65	63	53	58	55	46	53	57	64	58	66	50	49	48	51	59	59	67	68	69	77	73	71	67	72	67	74	76			62.0	
		MIN	47	39	37	37	44	44	44	49	49	45	40	37	36	37	39	48	53	54	54	56	60	61	48	49	49	54	53	56			47.1	
HOUMA	(IN)																																	
	4	MAX	60	63	52	52	50	46	49	54	59	59	59	51	48	47	48	52	58	61	63	64	69	64	61	63	78	66	71	72			58.5	
		MIN	53	45	40	40	42	43	45	48	47	46	47	39	39	44	44	44	52	53	53	52	58	58	49	48	52	54	54	54			48.0	
LSU DEAN LEE EXP STA	(IN)																																	
	4	MAX	60	61	51	51	50	49	49	51	56	55	61	55	45	47	47	51	55	60	66	65	66	74	67	62	65	64	67	68			57.8	
		MIN	50	49	45	45	46	46	45	49	50	49	55	44	43	42	42	47	51	55	56	58	59	64	57	56	55	59	59	60			51.3	
RED RIV VALLEY EXP STA	(IN)																																	
	4	MAX	51	50	47	50	46	41	53	48	59	53	-	51	44	55	56	56	57	65	63	64	72	66	59	62	68	67	71	72			57.3	
		MIN	44	40	40	39	39	40	40	44	44	43	48	42	37	36	38	39	46	50	50	50	50	52	44	44	45	48	52	54			44.2	
SAINT JOSEPH EXP STA	(IN)																																	
	4	MAX	55	55	45	47	46	46	44	46	50	50	56	43	41	43	45	49	56	62	62	65	68	64	61	61	65	66	67	69			54.5	
		MIN	47	42	39	39	40	40	40	43	43	43	43	38	38	38	40	45	49	50	55	55	56	59	51	50	50	54	54	56			46.3	
WINNSBORO	(IN)																																	
	4	MAX	53	53	48	46	48	39	46	45	53	49	57	45	42	46	46	50	56	59	61	65	65	62	61	63	63	64	67	68			54.3	
		MIN	43	40	37	38	37	38	39	43	41	41	40	35	35	34	36	44	50	50	55	54	54	50	49	49	49	52	53	57			44.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

LOUISIANA
FEBRUARY 1981

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01 REO RIV VALLEY EXP STA		EVAP WIND	.01 78	- 57	- 40	- 43	.02 41	.04 58	.05 39	.00 42	.11 53	.18 107	- 144	- 39	- 27	- 21	- 20	.04 22	.03 29	.02 18	.07 25	.05 33	.14 60	.16 122	.20 118	.19 54	.13 24	.15 64	.11 43	.16 77	-	-	1498
NORTH CENTRAL 02 CALHOUN EXP STATION		EVAP WIND	.01 52	- 41	- 47	- 10	.07 14	.13 13	.07 10	.00 18	.09 21	.11 43	.17 117	.16 38	.16 16	.17 7	.46 10	.02 7	.00 6	.02 2	.08 4	.12 24	.03 23	.12 55	.10 51	.18 40	.16 11	.18 24	.18 10	.19 27	-	-	2,458 741
NORTHEAST 03 SAINT JOSEPH EXP STA		EVAP WIND	.08 123	- 67	- 70	- 18	- 77	- 62	.01 30	.02 57	.13 74	.10 72	- 150	- 121	- 83	- 52	- 45	.02 48	.02 27	.08 20	.08 28	.13 48	.11 22	.12 102	.19 98	.20 75	.13 16	.14 31	.14 17	.17 41	-	-	1674
EAST CENTRAL 06 LSU BEN-HUR EXP STN		EVAP WIND MAX MIN	.15 119 66 47	.20 133 67 37	.12 79 52 36	.07 25 56 35	.08 57 52 35	- 106 45 39	.01 43 54 45	.02 41 58 48	.10 49 67 43	.20 102 66 45	.12 139 66 32	- 159	- 82	.04 43	.01 53	.02 74	.01 24	.03 19	.05 19	.19 53	.13 33	.08 69	.20 84	.23 66	.02 9	.19 9	.14 19	.18 35	-	-	2,908 1743 65.4 45.6
SOUTHEAST 09 HOUMA		EVAP WIND	.03 73	- 94	- 54	- 29	- 39	- 114	- 58	- 21	- 39	- 109	- 92	- 124	- 98	- 71	.01 62	.00 65	.03 28	.03 18	.04 15	.12 57	.16 44	.07 30	.14 52	- 74	- 18	.10 11	.13 21	.17 24	-	-	1534

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

LOUISIANA
FEBRUARY 1981

STATION		DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST	01																																
COTTON VALLEY	SNOWFALL SN ON GND					T																											
SHREVEPORT WSO AP	SNOWFALL SN ON GND WTR EQUIV					T																											
NORTH CENTRAL	02																																
MONROE FAA AP	SNOWFALL SN ON GND					T																											
WINNFIELD 2 W	SNOWFALL SN ON GND						T					T																					
NORTHEAST	03																																
SAINT JOSEPH EXP STA	SNOWFALL SN ON GND					T	T					T																					
WEST CENTRAL	04																																
ASHLAND	SNOWFALL SN ON GND					T						T																					
CONVERSE	SNOWFALL SN ON GND											T																					
MANY	SNOWFALL SN ON GND											T																					
CENTRAL	05																																
OLD RIVER LOCK	SNOWFALL SN ON GND											T																					
EAST CENTRAL	06																																
BATON ROUGE WSO AP	SNOWFALL SN ON GND WTR EQUIV											T		T																			
SOUTHWEST	07																																
LAKE CHARLES WSO AP	SNOWFALL SN ON GND WTR EQUIV											T																					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
FEBRUARY 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE	0007	07	VERMILION		29 58	92 08	10		BA			CITY OF ABBEVILLE
ABITA SPRINGS FIRE TWR	0021	06	ST TAMMANY		30 26	90 03	30		1P			LA DEPT OF NATURAL RES
ALEXANDRIA	0098	05	RAPIDES		31 19	92 28	87	8A	8A		C	ALEXANDRIA POWER PLANT
AMITE	0205	06	TANGIPAHOA		30 43	90 30	180	BA	BA		H	MRS ROBERT S MC CLENDON
ANTIOCH FIRE TOWER	0253	02	CLAIBORNE		32 53	93 00	350		1P		H	STATE DIV OF FORESTRY
ASHLAND	0349	04	NATCHITOCHE		32 07	93 06	225	8A	BA		H	SOLOMON G MARTIN
BAKER	0462	06	E BATON ROUG		30 35	91 10	80		7A			BAKER FIRE DEPT
BASTROP	0537	03	MOREHOUSE		32 47	91 54	140	5P	5P		H	CITY OF BASTROP
BATON ROUGE CENTRAL	0546	06	E BATON ROUG		30 33	91 03	65		BA			E BATON ROUG PARISH
BATON ROUGE WSO AP	R 0549	06	E BATON ROUG		30 32	91 08	64	MID	MID		C HJ	NATL WEATHER SERVICE
BATON ROUGE KLEINPETER	0558	06	E BATON ROUG		30 22	91 01	25		7A			E BATON ROUGE PARISH
BAYOU SORREL LOCK	0565	08	IBERVILLE		30 08	91 19	15		8A		H	U S CORPS OF ENGINEERS
BEAVER FIRE TOWER	0617	05	EVANGELINE		30 48	92 35	105		1P			STATE DIV OF FORESTRY
BE LAH FIRE TOWER	0639	05	LA SALLE		31 38	92 11	200	9A	1P		H	STATE DIV OF FORESTRY
BETHANY	0786	01	CADDO		32 23	94 03	370		8A			NORMAN G ALEXANDER
BIENVILLE 3 NE	0800	02	BIENVILLE		32 22	92 56	307	MID	MID			SOUTHERN NATURAL GAS CO
BODCAU FIRE TOWER	0920	01	BOSSIER		32 42	93 31	260		1P			STATE DIV OF FORESTRY
BOGALUSA	0945	06	WASHINGTON		30 47	89 52	103	BA	BA		H	CROWN ZELLERBACH CORP
BOOTHVILLE WSCMO CI	1157	09	PLAQUEMINES		29 20	89 24	0	MID	MID		C HJ	NATL WEATHER SERVICE
BOYCE 3 WNW	1232	05	RAPIDES		31 23	92 43	110	MID	MID			CENTRAL LA ELECTRIC CO
BUNKIE	1287	05	AVOYELLES		30 57	92 10	80	8A	BA		H	ROGERS J LACHNEY
BUTTE LA ROSE	1365	08	ST MARTIN		30 17	91 41	5		BA			CLARENCE J HOTARD JR
CALHOUN EXP STATION	1411	02	OUACHITA		32 31	92 20	180	8A	8A		BACGH	L S U NORTH LA EXP STA
CARVILLE 2 SW	1565	08	IBERVILLE		30 12	91 07	25	8A	8A		H	U S PUBLIC HEALTH HOSP
CLINTON	1891	06	E FELICIANA		30 52	91 01	180		BA			KENNETH M CAIN
CLINTON 5 SE	1899	06	E FELICIANA		30 48	90 58	200	BA	8A		CG	LSU IDLEWILD EXP STN
COLUMBIA LOCKS	1979	02	CALDWELL		32 10	92 06	80		8A			U S CORPS OF ENGINEERS
CONVERSE	2023	04	SABINE		31 45	93 42	220	8A	8A		H	WILLIAM R OTT
COTTON VALLEY	2121	01	WEBSTER		32 49	93 25	230	7A	7A		H	MRS RUBY V ALLEN
COVINGTON 4 NWN	2151	06	ST TAMMANY		30 32	90 07	40	5P	5P		C H	ST JO ABBEY-SEMINARY
CROWLEY EXP STATION	2212	07	ACADIA		30 15	92 22	25	BA	8A		GH	L S U RICE EXP STATION
DELTA-BRETON WL REF	2330	09	PLAQUEMINES		29 13	89 16	5	8A	8A		H	DELTA-BRETON NAT WL REF
DENHAM SPRINGS	2350	06	LIVINGSTON		30 28	90 58	35		7A			DENHAM SPRINGS FIRE D
DE QUINCY 4 N	2361	07	BEAUREGARD		30 31	93 26	95	8A	8A		H	LA CORR AND IND SCH
DE RIDDER	2367	07	BEAUREGARD		30 50	93 18	180	8A	8A		H	CITY WATER PLANT
DONALDSONVILLE	2534	09	ASCENSION		30 07	90 59	40	8A	8A		H	MARIANGE G GUILLOT
ELIZABETH	2800	07	ALLEN		30 52	92 48	150	BA	8A		H	CALCASIEU PAPER CO
EPPS 6 WNW	2971	03	WEST CARROLL		32 37	91 34	99	8A	BA		C H	TRUCKLINE GAS CO
EUNICE	2981	05	ST LANDRY		30 29	92 26	50		7A			ROYNE H FONTENOT
FRANKLIN 3 NW	3313	08	ST MARY		29 49	91 33	12	MID	MID		H	CENTRAL LA ELECTRIC CO
FRANKLINTON 2	3322	06	WASHINGTON		30 51	90 10	145		BA			FRED B ORMAN
FRANKLINTON 3 SW	3327	06	WASHINGTON		30 49	90 11	145	MID	MID		H	SOUTHERN NAT GAS CO
GALLIANO	3433	09	LAFOURCHE		29 26	90 18	2	8A	8A		H	LAFOURCHE PARISH SHER D
GLOSTER 1 W	3657	01	DE SOTO		32 12	93 50	255		7A			MARGARET E JAMISON
GONZALES	3695	09	ASCENSION		30 14	90 54	10		7A		C	CITY OF GONZALES-SEW PL
GORUM FIRE TOWER	3741	04	NATCHITOCHE		31 25	92 54	360		1P		H	STATE DIV OF FORESTRY
GRAND COTEAU	3800	05	ST LANDRY		30 26	92 02	55	5P	5P		H	ST CHARLES COLLEGE
GRAND ECORE	3804	04	NATCHITOCHE		31 48	93 06	150		7A			CLINTON JONES
GRAND ISLE 2	3815	09	JEFFERSON		29 14	90 00	2				C	TOWN OF GRAND ISLE
GREENSBURG	3864	06	ST HELENA		30 50	90 40	225		8A			TOWN OF GREENSBURG
GREENWELL SPRINGS	3867	06	E BATON ROUG		30 34	90 59	60		7A			MRS LAURA L CAMPBELL
GREENWOOD FIRE TOWER	3877	01	CADDO		32 25	94 00	350		1P			STATE DIV OF FORESTRY
HACKBERRY 8 SSW	3979	07	CAMERON		29 53	93 25	6	8A	BA		H	U S FISH-WILDLIFE SERV
HAMMOND 5 E	4030	06	TANGIPAHOA		30 30	90 22	35		7A			LSU SE LA HORTICUL STN
HAMMOND 3 NW	4034	06	TANGIPAHOA		30 32	90 29	45	9A	9A		H	LA DEPT OF NATURAL RES
HANNA 3 S	4050	01	RED RIVER		31 54	93 21	125		BA			CHARLES D WOOD
HODGES GARDENS	4288	04	SABINE		31 22	93 23	420		8A			HODGES GARDENS
HOMER EXP STATION	4355	02	CLAIBORNE		32 45	93 04	380	BA	8A		H	N LA HILL FARM EXP STA
HOSSTON	4398	01	CADDO		32 53	93 53	200		BA			THOMAS C GRAVES
HOUMA	4407	09	TERREBONNE		29 35	90 44	15	8A	8A		BA GH	USDA-SUGARCANE FLD STN
JEANERETTE EXP STN	4674	08	IBERIA		29 57	91 43	20	BA	8A		H	LSU IBERIA LIVESTOCK FM
JENNINGS	4700	07	JEFF DAVIS		30 12	92 40	25	8A	8A		C H	DOUGLAS E HOLLIER
JONESBORO FIRE TOWER	4732	02	JACKSON		32 13	92 42	320		1P			LA DEPT OF NATURAL RES
JONESVILLE LOCKS	4739	05	CATAHOULA		31 29	91 51	70	8A	8A		C	U S CORPS OF ENGINEERS
KEITHVILLE	4816	01	CADDO		32 21	93 50	200		7A			MRS OLIVE B HILL
KENTWOOD	4859	06	TANGIPAHOA		30 56	90 31	220		BA			MRS NICK SALADINO
KINDER 3 W	4884	07	ALLEN		30 30	92 54	53		7A			ALEX COURVILLE
KORAN	4931	01	BOSSIER		32 25	93 28	175		BA			UNITED GAS PIPELINE CO
LAFAYETTE	5021	08	LAFAYETTE		30 13	92 01	35				C	CITY OF LAFAYETTE UTIL

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
LAFAYETTE FAA AP	5026	08	LAFAYETTE		30 12	91 59	38	M10	M10		H	FAA
LAKE CHARLES 2 N	5074	07	CALCASIEU		30 15	93 13	5		8A			U S CORPS OF ENGINEERS
LAKE CHARLES WSO AP	5078	07	CALCASIEU		30 07	93 13	9	M10	M10		C HJ	NATL WEATHER SERVICE
LAKE PROVIDENCE	5090	03	EAST CARROLL		32 48	91 10	103	8A	8A			LA POWER & LIGHT CO
LEESVILLE	5266	04	VERNON		31 09	93 16	240	8A	8A		C H	JAMES M MILLER
LIVERPOOL 3 ENE	5430	06	ST HELENA		30 56	90 38	250		8A			CLIFTON SMITH
LIVINGSTON	5438	06	LIVINGSTON		30 30	90 45	40		8A			JOHNNY SZANYI
LOGANSPORT 4 ENE	5527	01	OE SOTO		31 59	93 57	210	5P	5P		C H	SOUTHERN NATURAL GAS CO
LONGVILLE	5584	07	BEAUREGARD		30 36	93 14	114		7A			FRED REEVES JR
LOUISIANA NATURE CTR	5610	09	ORLEANS		30 03	89 58	-1	8A	8A			LA NATURE CTR INC
LSU BEN-HUR EXP STN	5620	06	E BATON ROUG		30 22	91 10	21	8A	8A	8A		LSU AGRI EXP STATION
LSU DEAN LEE EXP STA	5630	05	RAPIDES		31 11	92 24	70	8A	8A		G	LSU DEAN LEE AGRI CNTR
MAMOU 4 S	5852	05	EVANGELINE		30 34	92 26	55	5P	5P			TRANSCONTINENTAL G P C
MANSFIELD 3 WSW	5874	01	OE SOTO		32 01	93 44	375		7A		H	BENNETT STRANGE
MANY	5892	04	SABINE		31 34	93 29	260	8A	8A		H	ROBERT R GENTRY
MARION	5908	02	UNION		32 54	92 15	190		8A			TOWN OF MARION
MARKSVILLE	5920	05	AVOUELLES		31 09	92 02	85		8A			TOWN OF MARKSVILLE
MARTIN FIRE TOWER	5935	01	REO RIVER		32 06	93 14	270		1P		C	HERSHEL L CULPEPPER
MELVILLE	6117	05	ST LANORY		30 41	91 45	30	8A	8A		H	MRS RUTH T HEBERT
MERMENTAU	6142	07	ACADIA		30 11	92 35	16		8A			OENNIS J BROUSSARO
MINOEN	6244	01	WEBSTER		32 35	93 17	185	8A	8A		C H	MUNICIPAL POWER PLANT
MITTIE 2 SE	6271	07	ALLEN		30 42	92 53	120		8A			MRS OLLIE M MAHAFFEY
MONROE FAA AP	6303	02	OUACHITA		32 31	92 03	78	M10	M10		H	FAA
MONROE NLU	6314	02	OUACHITA		32 32	92 04	70	8A	8A		C	NORTHEAST LA UNIVERSITY
MOORINGSPT 1 N	6364	01	CAOON		32 42	93 58	200		8A			SOUTHWESTERN ELEC CO
MORGAN CITY	6394	08	ST MARY		29 41	91 11	5	8A	8A		C	U S CORPS OF ENGINEERS
NATCHITOCHES	6582	04	NATCHITOCHES		31 46	93 05	130	8A	8A		C H	MUNICIPAL POWER PLANT
NEW IBERIA 5 NW	6657	08	IBERIA		30 03	91 53	25	8A	8A		H	GULF S RESEARCH INST
NEW ORLEANS WSCMO AP	6660	09	JEFFERSON	R	29 59	90 15	4	M10	M10		C HJ	NATL WEATHER SERVICE
N O A080N WSO CI	6664	09	ORLEANS	R	29 55	90 08	6	M10	M10		C H	NATL WEATHER SERVICE
NEW ORLEANS ALGIERS	6666	09	ORLEANS	R	29 56	90 02	2		12M			SWG ANO WATER BOARD
NEW ORLEANS O P S 14	6668	09	ORLEANS	R	30 04	89 58	0		12M			SWG ANO WATER BOARD
NEW ORLEANS WATER PLT	6669	09	ORLEANS	R	29 57	90 08	22		12M			SWG ANO WATER BOARD
NEW ORLEANS CITY HALL	6670	09	ORLEANS		29 57	90 04	5		12M			SWG ANO WATER BOARD
NEW ORLEANS O P S 5	6672	09	ORLEANS	R	29 59	90 01	10		12M			SWG ANO WATER BOARD
NEW ORLEANS O P S 3	6675	09	ORLEANS	R	29 59	90 04	12		12M			SWG ANO WATER BOARD
NEW ORLEANS O P S 6	6679	09	ORLEANS	R	29 59	90 07	0		12M			SWG ANO WATER BOARD
NEW ROADS 5 ESE	6686	05	POINTE COUPE		30 41	91 22	45	8A	8A		H	CAJUN ELEC PWR COOP INC
OAKDALE	6836	07	ALLEN		30 49	92 41	100		7A			CRED JONES
OAK GROVE 2 WSW	6866	03	WEST CARROLL		32 51	91 26	110		8A			MRS JESSEE PETERSON
OAKNOLIA	6911	06	E FELICIANA		30 44	90 59	130		7A			PERCY E DREHER
OBERLIN FIRE TOWER	6938	07	ALLEN		30 36	92 47	65	9A	1P		H	LA DEPT OF NATURAL RES
OLO RIVER LOCK	6962	05	POINTE COUPE		31 00	91 40	70	8A	8A		C	U S CORPS OF ENGINEERS
OLLA 3 SSW	6978	05	LA SALLE		31 52	92 16	100	8A	8A		C	UNITED GAS PIPE LINE CO
OPELOUSAS	6995	05	ST LANDRY		30 29	92 04	60		7A			HAROLD L BAQUE
PARADIS 7 S	7096	09	ST CHARLES		29 47	90 26	5	4P	4P		H	RUODOLPH MELANCAN JR
PEARL RIVER LOCK 1	7161	06	ST TAMMANY		30 27	89 47	30		8A			U S CORPS OF ENGINEERS
PINE GROVE FIRE TOWER	7304	06	ST HELENA		30 42	90 45	190		1P			LA OEP OF NAT RESOURCES
PLAIN DEALING	7344	01	BOSSIER		32 54	93 41	291	8A	8A		H	LEON SANDERS JR
PLAQUEMINE 2 N	7366	08	IBERVILLE		30 19	91 14	20		7A			DOW CHEMICAL USA
PLAQUEMINES EXP STA	7368	09	PLAQUEMINES		29 35	89 50	4	4P	4P			LSU PLAQUEMINES P EXP S
PORT ALLEN	7448	05	W BATON ROUG		30 27	91 13	15		8A			CITY-PORT ALLEN SEW PLT
REO RIV VALLEY EXP STA	7738	01	BOSSIER		32 25	93 38	155	8A	8A	8ACG		LSU REO RIVER VLY EXP
RESERVE	7767	09	ST JOHN BAPT		30 04	90 34	13	8A	8A		H	GOOCHAUX-HENOERSON
ROBSON	7924	01	CAOON		32 21	93 39	160		8A			LSU PECAN EXP STN
ROCKEFELLER WL REFUGE	7932	07	CAMERON		29 44	92 49	4	8A	8A		C	U S FISH & WILDLIFE
ROOESSA	7950	01	CAOON		32 58	94 00	200		7A			MRS F M OSBORN
ROSEFINE EXP STATION	8046	04	VERNON		30 57	93 17	238	8A	8A			LSU WEST LA EXP STA
RUSTON	8065	02	LINCOLN		32 32	92 36	300		8A		C	CITY OF RUSTON
RUSTON-LA TECH UNIV	8067	02	LINCOLN		32 31	92 39	275	8A	8A		H	LA TECH UNIVERSITY
SAILES FIRE TOWER	8094	02	BIENVILLE		32 22	93 08	360		1P			STATE OIV OF FORESTRY
SAINT BERNARD	8108	09	ST BERNARD		29 52	89 50	5	5P	5P			SOUTHERN NATL GAS CO
SAINT FRANCISVILLE	8136	06	W FELICIANA		30 47	91 23	110		8A			MS MARCIA W ROGERS
SAINT JOSEPH EXP STA	8163	03	TENSAS		31 57	91 14	78	8A	8A	8A	GH	NE LA EXPERIMENT STA
SHERIDAN FIRE TOWER	8405	06	WASHINGTON		30 51	89 59	330		1P			LA DEPT OF NATURAL RES
SHREVEPORT DOWNTOWN	8436	01	CAOON		32 31	93 45	180		8A			MEOFORD B BENNETT
SHREVEPORT WSO AP	8440	01	CAOON	R	32 28	93 49	254	M10	M10		C HJ	NATL WEATHER SERVICE
SIMMESPORT	8507	05	AVOUELLES		30 59	91 49	50		8A			MRS CARMEN R RABALAIS
SLAGLE	8524	04	VERNON		31 12	93 08	300		8A			MRS MARGIE A HAYMON

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SLIDELL WSFO	8539	06	ST TAMMANY		30 15	89 46	10	8A	8A		C H	NOAA-NATL WEATHER SERV
SPEARSVILLE FIRE TOWER	8669	02	UNION		32 54	92 34	200		1P		C	HAROLD L ATWELL
SPRINGHILL	8683	01	WEBSTER		33 00	93 27	250		8A		C	MRS RUTH M MATLOCK
SPRINGVILLE FIRE TOWER	8715	06	LIVINGSTON		30 26	90 39	30		1P		H	LA DEP OF NAT RESOURCES
STERLINGTON	8785	02	OUACHITA		32 43	92 05	60		8A			LA POWER & LIGHT CO
STEVENSON FIRE TOWER	8795	03	MOREHOUSE		32 54	91 58	150		1P			STATE DIV OF FORESTRY
SUGARTOWN	8828	07	BEAUREGARD		30 51	93 01	170		7A			MRS PEARL M McDONALD
SULPHUR	8831	07	CALCASIEU		30 14	93 23	12		8A			CITY WATER PLANT
TALLULAH	8923	03	MADISON		32 24	91 13	85	8A	8A		H	PEOPLES WATER SERV CO
THIBODAUX	9013	09	LAFOURCHE		29 48	90 49	20	8A	8A			CITY OF THIBODAUX WTR W
VERMILION LOCK	9319	07	VERMILION		29 47	92 12	14	8A	8A		H	U S CORPS OF ENGINEERS
VIDALIA 2	9357	05	CONCORDIA		31 35	91 26	60		8A		C	VIDALIA FIRE DEPT
VINTON	9375	07	CALCASIEU		30 12	93 35	19		8A			TOWN OF VINTON
WATSON 3 ENE	9480	06	LIVINGSTON		30 36	90 54	65		7A			RALPH E CLARK JR
WINNFIELD 2 W	9803	02	WINN		31 56	92 41	160	6P	7A		C H	ESTES & BOZEMAN
WINNSBORO	9806	03	FRANKLIN		32 09	91 42	80	8A	8A		CGH	LA DEPT OF NATURAL RES
WINUNA FIRE TOWER	9809	02	WINN		32 02	92 39	220		1P			LA DEPT OF NATURAL RES
WOODWORTH 2 SE	9865	05	RAPIDES		31 07	92 28	116	8A	8A			LA DEPT OF NATURAL RES
ZACHARY 2 ESE	9930	06	E BATON ROUG		30 38	91 08	85		8A			MANUEL F RODRIGUEZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SPECIAL WEATHER SUMMARY

The preliminary state weighted average temperature for February was 50.7°, which was 2.2° below normal (1941-70 average). The lowest reported temperature was 11° at Plain Dealing and Homer Experiment station on the 11th. The highest was 86° at Leesville.

There were a few new record low temperatures set. Some of them are: 21° in Baton Rouge on the 12th, 22° in Lake Charles on the 11th, 26° at New Orleans International Airport on the 12th, and two new record lows at Monroe NLU with 14° on the 11th and 15° on the 12th.

Strong winds combined with low temperatures on the 11th produced a wind chill factor to -22 at Alexandria, -16 in Shreveport, and -6 in Baton Rouge.

There were slightly more than normal heating degree days over most of Louisiana during February except for a few locations in the southeast divisions where there were below normal amounts.

Temperatures during the first half of the month were mostly below normal due to very cold arctic air mass outbreaks. During the second half of the month, temperatures were above normal with Pacific high pressure systems moving across the State.

For the State as a whole, the preliminary weighted average precipitation for February is 4.85 inches, which is about normal. However, this figure is misleading. Rainfall was well above normal over east central and southeast Louisiana, normal over the south central area, and below normal elsewhere.

The highest reported monthly and 24-hour rainfall occurred at the Plaquemine Experiment Station with 15.94 inches for the month, and 9.42 inches of rain on the 10th. The lowest monthly precipitation was 1.30 inches at Rodessa in extreme northwest Louisiana.

There were two episodes of rain mixed with sleet and snow. The first occurred on the 5th-6th over southwest, west central, central, and north Louisiana. There was 0.1 inch of sleet at Shreveport and Monroe NLU. The second episode recurred on the 10th - 11th over the central divisions, and the southwest, but no accumulations were reported.

There were three outbreaks of thunderstorms during February. The first occurred on the 1st with 50 miles per hour winds in Lake Charles as a squall line moved through the area. Another episode occurred on the 5th with street flooding in Calcasieu Parish (Lake Charles area), and some patchy street flooding the Baton Rouge area.

The third scenario occurred on the 10th. High winds pushed aground an empty tanker in the Mississippi River in the Baton Rouge area. In the Jennings area winds up to 55 MPH blew down a barn and pump shed and blew out plate glass windows. There were heavy rains between Shreveport and Monroe helping to produce scores of minor traffic accidents and some urban flash flooding. Wind gusts to 58 mph occurred in Monroe. Heavy rains flooded some streets and homes in the New Orleans area, forcing the closure of some schools.

During the last half of February there was no severe weather; however, as in January, dense fog was a problem. There was an above normal amount of heavy fog over most of the state. A comparison of the normal number of days with heavy fog and this past February is displayed in the table below:

Number of Days with Dense Fog
(Visibility 1/4 mile or less)

Station	February 1981	Normal
Shreveport	6	2
Baton Rouge	5	3
Lake Charles	10	5
New Orleans (Moisant)	4	4

Dense fog combined with smoke helped to produce chain-reaction motor vehicles collisions in the Lafayette area on the 25th.

The Mississippi River rose during February, after the extremely low levels of January. However, stages were still well below normal during the last day of the month. Stages ranged from about 13 feet below average at Baton Rouge to 7 feet below average in New Orleans. Salt water intrusion of the lower Mississippi River decreased with increased flows.

ANALYSIS OF SYNOPTIC WEATHER TYPES: The preliminary analysis of synoptic weather types over Southeastern Louisiana for February, 1981, shows the following frequencies in percent, with the ten-year average for 1966-1975 included for comparison. Average frequencies for March are also shown.

Synoptic Weather Type	February	March	
	1981	1966-75	1966-75
Pacific High (PH)	11	8	8
Continental High (CH)	14	28	22
Frontal Overrunning (FOR)	29	23	21
Coastal Return (CR)	7	10	11
Gulf Return (GR)	11	10	20
Frontal Gulf Return (FGR)	18	18	18
Gulf Tropical Disturbances (GTD)	0	0	0
Gulf High (GH)	10	3	0
Continental Index (CH+FOR)	44	51	43
Tropical Index (GR+FGR)	29	28	38
Storminess Index (FOR+FGR)	47	41	39

February was a near normal month in terms of frequencies of synoptic weather types over southeastern Louisiana. The Pacific High (PH) and Gulf High (GH) types were above average, and can be thought of as at the expense of Continental High (CH), which was below average. February was the first month for an extended period when the weather type frequencies were so close to average.

The other noteworthy event of the month, in synoptic weather type terms, was the sudden change of the circulation pattern aloft about February 17 from a mostly northerly flow and associated continental weather types (CH and FOR), to a mostly southwesterly flow and not very much frontal activity. As a consequence, the first 60% of the month tended to be colder and wetter, and the latter 40% much warmer and drier.

SPECIAL WEATHER SUMMARY

WATER BUDGET - During February the Shreveport area finally received enough rainfall to recharge soil moisture storage, according to the "water-budget model" used to estimate soil moisture and other water-budget components at the four stations. A year ago, for example, the water-budget model indicated that the soils became fully recharged in the Shreveport area as early as December, 1979, but the

extreme drought over the summer of 1980, and below normal precipitation during most of the fall and winter, have not allowed for normal recharge of soil moisture and groundwater.

Soil moisture conditions over the southern half of the state were about normal.

Dr. Robert A. Muller, State Climatologist
Department of Geography and Anthropology
LSU, Baton Rouge, LA 70803

REFERENCE NOTES

LOUISIANA

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly heating and cooling degree totals are the sums of the negative and positive departures, respectively, of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NRDMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1953.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:	Soil Type	Soil Cover	Degree of Slope
Calhoun Exp Station	: Ruston fine sandy loam	Bare	0%
Clinton 5 SE	: Buff Terrace	Bare	0.1% to S
Crowley Exp Station	: Coastal Prairie	Bare	0%
Houma	: Moon silt clay loam	Bare	0%
LSU Ocean Exp Sta			
Station	: Red River alluvial	Bare	0%
Red River Valley Exp Sta			
Saint Joseph Exp Sta	: Sharkey clay	Bare	0%
Winnsboro	: Bluff Terrace	Bare	0%

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Cage is equipped with a windshield.
- † Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- C "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45c single copy; \$1.00 foreign; 45c annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801. ATTN: Publications

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THIRD CLASS
BULK RATE

Climatological Data



LOUISIANA

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	4 STATIONS	88	DATE 31+
LOWEST TEMPERATURE:	2 STATIONS	25	DATE 19+
GREATEST TOTAL PRECIPITATION:	MARKSVILLE	7.74	
LEAST TOTAL PRECIPITATION:	MERMENTAU	.69	
GREATEST 1 DAY PRECIPITATION:	SIMMESPORT	3.15	DATE 05

SUPPLEMENTAL DATA

	WIND ISPEED - M.P.H.I						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							CENTRAL														
							00	06	12	18											
BATON ROUGE WSO AP	3	0.1	7.7	29++	21	22	74	85	49	53	6	2	1	2	0	0	11	-	6.0		
LAKE CHARLES WSO AP	14	1.9	9.1	28++	15	28	77	79	51	57	3	2	4	1	0	0	10	66	6.6		
NEW ORLEANS WSCMO AP	21	0.8	7.7	35++	24	18	75	80	50	55	1	6	1	0	2	0	10	57	6.2		
SHREVEPORT WSO AP	21	1.2	8.9	30++	32	29	76	84	54	51	3	3	1	1	2	0	10	61	6.6		



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell DIRECTOR
NATIONAL CLIMATIC CENTER

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
MARCH 1981

STATION		TEMPERATURE													PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
												MAX.	MIN.	41° OR ABOVE	32° OR BELOW	21° OR BELOW					10° OR BELOW	TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	.10 OR MORE
NORTHWEST 01		67.8 71.9 68.2 66.8 67.8	39.8 42.5 41.9M 39.0 41.2	53.8 57.2 55.1M 52.9 54.5	- - -1.6	87 88 86 84 84	31 30 31 31 31	20+ 27 30 28 30	348 245 313 370 320	10 11 9 2 3	0 0 0 0 0	0 0 0 0 0	5 2 2 6 2	0 0 0 0 0	3.76 3.91 4.41 4.35 4.37	- - - - -	.98 1.26 1.10 1.25 1.51	1 29 2 1 2	.0 .0 .0 .0 .0	0 0 0 0 0			6 5 7 6 6	4 3 4 4 4	0 3 2 2 1		
SHREVEPORT WSO AP DIVISION		68.2	43.7	56.0	-.8	87	30	31	19	279	10	0	0	2	0	3.33	-.77	1.14	1	.0	0				4	3	2
NORTH CENTRAL 02		69.2 67.5 67.4 66.2 66.7	42.8 42.2 39.0 43.8 42.3	56.0 54.9 53.2 55.0 54.5	- -1.5 - -1.1	87 86 80 82 86	30 31 31 30 32	19 24 25 24+ 24+	280 311 360 303 325	10 5 2 3 7	0 0 0 0 0	0 0 0 0 0	4 5 8 0 3	0 0 0 0 0	6.08 4.27 4.85 5.06 4.45	- - - - -	2.20 1.58 .98 1.60 1.35	29 4 30 4+ 4	.0 .0 .0 .0 .0	0 0 0 0 0			4 6 7 6 6	4 2 5 4 4	3 3 0 2 2		
RUSTON-LA TECH UNIV WINNFIELD 2 W DIVISION		67.8M 71.2	42.9M 42.0	55.4M 56.6	-.0 -1.2	87 87	30 30	20+ 24+	301 262	4 9	0 0	0 0	5 5	0 0	5.14 5.41	-.34 -.37	1.62 2.00	1 4	.0 .0	0 0				6 6	4 3	2 2	
NORTHEAST 03		70.4 66.8 67.1 67.2 67.7	43.5 43.1 43.7 44.2 41.6	57.0 55.0 55.4 55.7 54.7	.3 - -.4 -1.5 -1.7	88 82 83 79 82	31 31 31 31+ 1	24 19 35 33 33	256 312 298 284 318	11 8 9 2 5	0 0 0 0 0	0 1 0 0 0	0 0 0 0 0	0 1 0 0 0	5.41 4.19 3.91 5.78 6.65	-.33 - -1.72 -.08 -.74	1.84 1.49 1.53 1.79 2.85	30 4 30 30 30	.0 .0 .0 .0 .0	0 0 0 0 0			4 6 6 6 6	4 3 3 5 4	3 1 1 3 3		
WINNSBORO DIVISION		67.6	41.9	54.8	-2.2	82	31	32	24+	315	6	0	0	2	0	5.32	-.33	1.95	30	.0	0				6	4	2
WEST CENTRAL 04		68.4 68.4 71.4 70.2 67.1	40.8 40.4 43.9 40.8 44.9	54.6 54.4 57.3 55.5 56.0	- - -.7 -2.6	85 85 88 88 85	31 31 31 31 31	25 28 29 28 19	320 325 239 290 278	5 19 3 5 5	0 0 0 0 0	0 0 3 5 0	0 0 0 0 0	0 0 0 0 0	4.76 4.74 4.00 3.82 4.02	- - -.17 -.46 -	1.52 1.85 2.00 1.65 1.78	4 4 4 4 4	.0 .0 .0 .0 .0	0 0 0 0 0			7 7 7 6 6	5 4 2 2 2	1 1 1 1 1		
ROSEPIKE EXP STATION DIVISION		69.9	44.4	57.2		85	31	31	20	246	9	0	0	2	0	4.24		1.98	4	.0	0				6	4	1
CENTRAL 05		70.0 69.7 69.7 70.4 71.0	44.5 45.5 44.8 46.0 48.2	57.3 57.6 57.3 58.2 59.6	- - -1.1	85 87 87 83 84	31 31 30 31 31	20 19 22+ 19 24	244 237 242 217 186	10 14 7 14 28	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	5.90 5.83 4.21 6.91 1.61	- - -1.52 -3.37	2.40 2.00 2.60 2.78 1.71	30 4 4 30 29	.0 .0 .0 .0 .0	0 0 0 0 0			5 6 4 4 3	4 3 3 3 1	2 3 1 0 0		
JONESVILLE LOCKS LSU DEAN LEE EXP STA MANOU 4 S MELVILLE NEW ROADS 5 ESE		68.8 69.8 72.0 70.8M 71.4	44.4 44.5 52.3M 46.8M 47.2	56.6 57.2 62.2M 58.8M 59.3	- -1.3	82 84 83 82 85	31 31 31+ 29 31	34 24+ 39 24+ 24	260 247 120 194 185	4 9 36 20 17	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	5.21 4.79 4.20 2.39 2.39	- -2.74	1.60 1.85 1.60 .97 .96	5 5 4 5 5	.0 .0 .0 .0 .0	0 0 0 0 0			7 6 5 5 5	4 3 3 2 2	3 2 0 0 0		
OLD RIVER LOCK OLLA 3 SSW WOODNORTH 2 SE DIVISION		70.2 68.7 71.2	44.8 40.3 46.2	57.5 54.5 58.7	- -1.7	83 87 86	31 31 31	20 24+ 25+	238 325 208	14 5 20	0 0 0	0 0 0	0 6 0	0 0 0	5.45 5.58 4.21	- -1.31	3.00 1.85 1.45	5 5 5	.0 .0 .0	0 0 0				3 6 6	3 4 3	2 2 2	
EAST CENTRAL 06		71.8 70.9 72.3 70.1 71.0	44.6 47.3 43.2 45.1 45.6	58.2 59.1 57.8 57.6 58.3	-1.0 -.6 -1.1 -1.3 -1.5	85 84 85 83 82	31 31+ 31 31 30	20 37 24 20 20	215 192 228 228 213	14 17 8 6 15	0 0 0 0 0	0 0 0 0 1	0 0 0 1 0	0 0 0 0 0	3.28 1.74 4.86 3.44 4.59	- -3.40 -1.53 -2.80 -1.66	1.12 .70 2.55 1.16 3.05	22 4 30 22 30	.0 .0 .0 .0 .0	0 0 0 0 0			5 4 3 3 5	3 3 3 3 2	1 0 2 1 1		
FRANKLINTON 3 SW HAMMOND 3 NW LSU BEN-HUR EXP STN SLIDELL WSO DIVISION		71.0 71.2 71.3 70.7	44.1 45.0 45.4 47.6	57.6 58.1 58.4 59.2	-2.0	85 84 85 85	30 31 31 31	20 20 20 20	235 221 215 189	9 13 15 16	0 0 0 0	0 0 0 0	1 1 1 0	0 0 0 0	4.76 5.77 2.29 1.54	- -2.23	2.05 2.13 .76 .80	29 30 5 30	.0 .0 .0 .0	0 0 0 0				5 5 5 3	3 2 3 1	2 0 0 0	
SOUTHWEST 07		69.8 71.2 70.7	47.9 44.5M 46.2	58.9 57.9M 58.5		82 85 85	31 31 31	20 20+ 20+	199 233 219	16 14 23	0 0 0	0 0 0	0 1 0	0 0 0	1.60 1.79 4.57	-2.60 -2.81	.68 .55 2.30	30 4 4	.0 .0 .0	0 0 0				3 4 6	3 2 2	0 0 1	

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
MARCH 1981

STATION	TEMPERATURE													PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS				
									MAX.	MIN.	23° OR ABOVE	23° OR BELOW				TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE		
ELIZABETH	71.2	45.7	58.5	- 1.2	85 31	33 20	216	17	0	0	0	0	3.39	- 1.75	1.15 4	.0	0		6	3	2		
HACKBERRY 8 SSW	69.1	52.1	60.6	- 1.1	77 31+	38 19	143	13	0	0	0	0	2.47	- 2.89	.97 30	.0	0		3	1	0		
JENNINGS	70.1	46.7M	58.4M	- 2.5	83 31	35 20+	213	11	0	0	0	0	1.13	- 3.41	.61 5	.0	0		5	1	0		
LAKE CHARLES WSO AP	69.6	49.0	59.3	- 1.0	78 30+	37 19	182	13	0	0	0	0	1.70	- 2.14	.66 29	.0	0		4	4	2		
OBERLIN FIRE TOWER	71.6	47.5	59.6		82 31	33 20	181	21	0	0	0	0	3.71		1.11 4	.0	0		4	4	2		
ROCKEFELLER WL REFUGE	70.9	49.2	60.1		81 31	39 21+	160	11	0	0	0	0	.77		.23 22	.0	0		3	0	0		
VERMILION LOCK	71.3	49.5M	60.4M		79 31	38 20+	156	20	0	0	0	0	1.23		.52 5	.0	0		4	1	0		
DIVISION			59.2	- .5									2.24	- 1.97		.0							
SOUTH CENTRAL 08																							
CARVILLE 2 SW	70.9	46.9	58.9	- 1.2	83 31	35 24	195	14	0	0	0	0	1.94	- 3.10	1.08 30	.0	0		4	1	1		
FRANKLIN 3 NW	71.6	48.2	59.9	- 1.2	84 31	35 20	176	23	0	0	0	0	1.07	- 3.28	.23 28	.0	0		4	0	0		
JEANERETTE EXP STN	70.9	48.0	59.5		83 31	38 24+	178	15	0	0	0	0	.94	- 3.58	.63 22	.0	0		2	1	0		
LAFAYETTE FAA AP	70.4	49.0	59.7	- .4	84 31	37 24	184	24	0	0	0	0	1.18	- 3.40	.62 4	.0	0		2	1	0		
MORGAN CITY	70.8	48.5	59.7	- 2.1	80 31	40 20	169	11	0	0	0	0	1.44	- 3.07	.75 30	.0	0		2	2	0		
NEW IBERIA 5 NW	71.0	47.7	59.4		84 31	35 20	187	19	0	0	0	0	.94		.32 5	.0	0		3	0	0		
DIVISION			59.5	- 1.0									1.25	- 3.33		.0							
SOUTHEAST 09																							
BOOTHVILLE WSCMO CI	68.4	52.8	60.6		81 31+	39 20	156	29	0	0	0	0	1.68		.92 4	.0	0		3	2	0		
DELTA-BRETON WL REF	66.0	52.5	59.3		75 29	45 19	176	7	0	0	0	0	1.56		.96 5	.0	0		3	1	0		
DONALDSONVILLE	70.6	51.7M	61.2M	- .7	80 31+	42 19	135	23	0	0	0	0	1.64		.76 22	.0	0		3	2	0		
GALLIANO	71.0	51.0	61.0		86 31	38 20	150	29	0	0	0	0	2.19		.85 22	.0	0		5	2	0		
HOUMA	70.5	50.1	60.3	- 2.0	84 31	38 20	160	23	0	0	0	0	1.67	- 3.57	.88 30	.0	0		3	2	0		
LOUISIANA NATURE CTR	72.3	49.7	61.0		84 31	41 9	150	35	0	0	0	0	2.59		1.82 22	.0	0		3	2	1		
NEW ORLEANS WSCMO AP	72.3	51.5	61.9	1.2	84 30	41 20+	123	35	0	0	0	0	2.70	- 2.79	1.18 29	.0	0		4	2	2		
N O ADOON WSO CI	72.2	55.4	63.8	2.5	85 30	46 20	79	50	0	0	0	0	1.97	- 3.90	1.22 21	.0	0		4	1	1		
PARADIS 7 S	71.8	47.7	59.8		84 31	38 25	175	28	0	0	0	0	2.40	- 3.86	1.31 30	.0	0		5	2	1		
PLAQUEMINES EXP STA	71.2	50.4	60.8		84 30	37 20	154	31	0	0	0	0	1.22		.25 30	.0	0		5	0	0		
RESERVE	71.4	47.5	59.5	- .2	84 31	39 20	179	14	0	0	0	0	2.69	- 2.85	1.05 30	.0	0		3	2	2		
SAINT BERNARD	71.4	47.4	59.4		86 30	37 20	184	19	0	0	0	0	1.69		.75 30	.0	0		5	1	0		
THIBODAUX	72.7	49.0	60.9	- .5	84 31	39 20	136	16	0	0	0	0	1.41	- 4.09	.81 22	.0	0		2	2	0		
DIVISION			60.7	- .8									1.95	- 3.26		.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
MARCH 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

LOUISIANA
MARCH 1981

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
KENTWOOD	4.86					.90								.05			.02						1.72	.09							2.08			
LIVERPOOL 3 ENE	4.55					1.18								.11			.02						1.50	.07							1.78			
LIVINGSTON	2.65					.85								.13	.03								.59	.03							.89			
LSU BEN-HUR EXP STN	2.29			.02	.06	.85				.05				.10									.65								.61			
OAKNOLIA	3.80				.11	.76				.01				.17									1.54	.02							.61			
PEARL RIVER LOCK 1	4.32					.16								.89										.65							1.09			
PINE GROVE FIRE TOWER	3.93					.35	.70							.11									1.41	.06							1.80			
SAINT FRANCISVILLE	3.03					.05	1.02			T				.05							.03		.95	.06						10	1.63			
SHERIDAN FIRE TOWER	4.33					.22	.72							.06									.80	.04							.07			
SLIDELL WFO	1.54					.18				T	.04			.01	.02								1.03	.17						.36	.77			
SPRINGVILLE FIRE TOWER	2.21																						.49								.80			
WATSON 3 ENE	2.64		.04		.10	.24				.03				.11									.60	.03						.26	.80			
ZACHARY 2 ESE	2.26				T	.74				T				.05							T		.58							T	1.34	T		
SOUTHWEST 07																																		
ABBEVILLE	.88		T			.55				.05				.03									.25								T			
CROWLEY EXP STATION	1.60					.54								.08																	.68			
DE QUINCY 4 N	1.79		T			.55	.53			.04				.05									.30								.22			
DE RIDGE	4.57		.10		2.30	.97				T				.28									.49							.02	.41			
ELIZABETH	3.39		.21		1.15	1.05								.07									.59							15	.17			
HACKBERRY 8 SSW	2.47		.01		.10	.24				.10				.10	.10	.02							.43							.38	.97			
JENNINGS	1.13		.01		.02	.61				.02				.15	.01					T			.19							.03	.09			
KINDER 3 W	2.85		T		.15	.70				T				.12									.80							.10	.20			
LAKE CHARLES 2 N	.99		T		.06	.39				.15				.05									.32							T	.66	.02	T	
LAKE CHARLES WSO AP	1.70		.02		.45								.12	.05						T		.25	.1											
LONGVILLE	2.69		.03		.58	.52				.01				.09									.62								T	.84		
MENTENAU	.69		T		T	.26								.09									.23							T	.05	.06		
MITTIE 2 SE	3.37		.17		68	1.60								.18									.60							.04	.10			
OAKDALE	4.65		.23		1.38	1.73				.03				.06									.65								.57	.96		
OVERLIN FIRE TOWER	3.71		.03		1.11									.08									.53							1.00	.96			
ROCKEFELLER WL REFUGE	.77		.03	.03		.20				.11				.15	.08								.23							.03	.06			
SUGARTOWN	4.50		.20		1.90	.60								.41									.41							.32	.92			
SULPHUR	2.25		.01		.32	.85				.12				.11									.15							T	.68			
VERMILION LOCK	1.23		.11		T	.52				.03				.45									.30							.12	.23			
VINTON	2.80		.24		.64	.51				.18				.30									.70							.23				
SOUTH CENTRAL 08																																		
BAYOU SORREL LOCK	.96					.19				.02				T									.30								.45			
BUTTE LA ROSE	1.04				.09	.27				T				T									.26								.42			
CARVILLE 2 SW	1.94				.15									.36									.25							.13	1.08			
FRANKLIN 3 NW	1.07				.09					.03	.22			.06									.70								.23	.13	.42	
JEANERETTE EXP STN	.94		.01		T	.23				.03				.02									.63							.01	.01	.04		
LAFAYETTE FAA AP	1.18		T		.62	.03				T	.01			.07									.08								.31	.75	T	
MORGAN CITY	1.44		.01		.03					T	.04			.01									.30	.01						T	.22	.02		
NEW IBERIA 5 NW	.94		.01		.32					.04				.05						.01			.37	T							.73			
PLAQUEMINE 2 N	1.97				.87					T				T									.37	T							.73			
SOUTHEAST 09																																		
BOOTHVILLE WSCMO CI	1.68				.92	.01				.01	T			.02									16							T	.06	.50		
DELTA-BRETON WL REF	1.56				.96					.01				T									.15							.02	.38			
DONALDSONVILLE	1.64		T	.02	.20					T				T									.76								.68			
GALLIANO	2.19				.55					.15				.19									.48								.45			
GONZALES	1.27				.18									.02	.02								.85							.03	.53	.01		
HOUMA	1.67		T		.01					T	T	.12		.02	.02	T							.63								.88	.01		
LOUISIANA NATURE CTR	2.59				.12					.02	.02	T		.01	.03								.82	T							.56	.01		
NEW ORLEANS WSCMO AP	2.70		.03		.04	.12				.03				.03									.06							1.12	.22	.01		
N O ADOON WFO CI	1.97		.01		.08					.03	.01			.14									1.22							.16	.29	.01		
NEW ORLEANS ALGERS	1.48		.02		.08									.05									.93								.40			
NEW ORLEANS O P S 14	1.72				.04									.09									1.37								.31			
NEW ORLEANS WATER PLT	2.58		.02		.05	.58				.03				.04									1.68								.71			
NEW ORLEANS CITY MALL	1.75		.02		.08					.01				.04									1.24								.40			
NEW ORLEANS D P S 5	1.63		.01		.05					.01				.04									1.09								.43			
NEW ORLEANS O P S 3	2.42		.03		.02					.02				.04									1.80								.51			
NEW ORLEANS O P S 6	2.55		.02		.11					.02				.06									1.38								.96			
PARADIS 7 S	2.40		T		.02					.03				.04									.86								.14	1.31		
PLAQUEMINES EXP STA	1.22				.22	.05				.18				.24									.22								.06	.25		
RESERVE	2.69		.01	.48	.06									.05									.04								.20	.75		
SAINT BERNARD	1.69				.05					.10				.13									.46								1.05			
THIBODAUX	1.41		T		.02					T				.05									.81								.53			

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
COTTON VALLEY	MAX MIN	74 49	52 36	64 36	64 48	78 48	63 35	58 35	57 41	61 33	62 33	66 33	69 36	69 42	70 38	75 38	73 38	68 32	75 32	63 31	62 31	71 33	59 50	59 42	65 32	73 34	72 43	75 43	78 57	79 54	60 50	87 52	67.8 39.8
LOGANSPOUT 4 ENE	MAX MIN	66 49	66 39	63 48	80 55	75 49	62 37	61 46	65 43	66 32	68 33	68 38	67 43	70 49	76 36	76 44	72 40	78 30	75 46	67 27	74 30	70 50	66 46	68 41	74 31	75 37	78 41	80 54	78 59	73 54	88 46	85 45	71.9 42.5
MINDEN	MAX MIN	72 50	52 38	65 37	63 48	78 48	64 40	58 40	57 41	62 33	62 35	67 38	67 41	68 45	70 39	75 45	74 40	69 33	76 37	67 30	69 31	71 34	61 49	58 40	67 35	71 46	72 46	76 47	78 58	79 53	60 53	86 54	68.2 41.9
PLAIN DEALING	MAX MIN	72 47	52 35	64 35	59 46	76 47	62 36	57 37	54 39	61 33	61 33	65 34	68 40	68 44	69 40	74 44	72 38	69 31	76 33	60 28	63 28	70 30	59 47	60 40	65 32	73 32	71 39	75 39	77 55	76 53	59 46	84 47	66.8 39.0
REO RIV VALLEY EXP STA	MAX MIN	73 50	52 37	66 38	59 49	76 50	64 39	58 41	56 39	64 35	62 34	66 37	67 41	65 45	69 41	74 42	75 45	69 38	75 39	64 30	65 32	70 34	61 46	63 40	66 33	73 32	72 41	75 48	78 52	78 53	62 48	84 49	67.8 41.2
SHREVEPORT WSO AP	MAX MIN	58 47	65 38	59 49	78 55	64 43	57 40	53 46	61 42	62 35	65 36	67 42	67 43	68 45	74 43	75 50	69 43	77 36	65 38	64 31	71 32	61 49	61 47	65 40	71 34	72 42	76 43	78 50	78 57	71 54	87 52	75 52	68.2 43.7
NORTH CENTRAL 02																																	
BIENVILLE 3 NE	MAX MIN	64 48	63 40	57 49	76 56	61 42	57 41	57 44	60 42	65 34	67 33	68 38	69 38	72 48	77 41	76 45	70 41	76 30	65 45	64 29	74 31	58 51	66 49	66 39	72 31	74 41	77 41	80 52	81 55	69 54	87 53	77 52	69.2 42.8
CALHOUN EXP STATION	MAX MIN	73 50	51 37	64 39	59 48	76 52	62 38	56 41	59 41	61 32	62 32	66 38	68 45	68 45	70 43	73 43	74 47	69 33	75 48	65 32	62 46	71 47	58 49	58 41	64 31	71 38	72 39	75 50	79 52	79 55	65 48	86 45	67.5 42.2
HOMER EXP STATION	MAX MIN	73 48	50 35	63 35	58 46	76 51	63 37	56 40	57 41	61 34	62 33	67 32	71 34	69 34	72 39	74 40	71 33	72 25	74 34	61 30	61 28	70 31	60 50	71 39	64 32	72 42	71 40	75 46	78 46	78 52	80 52	80 52	67.4 39.0
MONROE FAA AP	MAX MIN	60 48	61 40	57 48	71 56	60 46	57 40	55 40	55 41	55 35	62 37	65 42	65 42	68 49	69 44	72 45	68 43	75 38	65 48	62 34	67 34	58 48	59 48	61 42	68 35	71 40	76 41	79 49	80 52	70 58	82 51	79 50	66.2 43.8
MONROE NLU	MAX MIN	74 50	52 38	60 41	59 49	72 50	61 37	53 40	57 41	58 32	61 34	66 36	66 37	67 47	70 40	72 45	74 50	68 37	75 49	66 34	62 32	69 33	59 47	60 41	62 32	69 38	70 41	76 49	78 53	79 56	68 50	86 49	66.7 42.3
RUSTON-LA TECH UNIV	MAX MIN	71 47	55 37	65 47	59 53	65 51	65 40	58 42	60 40	61 32	64 35	68 40	67 38	68 45	70 44	76 46	75 45	71 32	76 51	64 30	63 30	71 47	59 48	69 40	66 31	73 41	73 40	77 53	79 54	80 56	63 52	67.8 42.9	
WINNFIELD 2 W	MAX MIN	75 50	67 40	60 46	76 56	72 48	60 41	61 43	65 42	66 32	69 33	69 39	69 38	71 49	77 37	76 43	78 41	77 31	76 46	64 31	73 30	63 47	61 46	66 39	73 30	73 36	77 38	79 45	82 54	74 57	87 50	80 44	71.2 42.0
NORTHEAST 03																																	
BASTROP	MAX MIN	69 49	63 37	61 47	72 54	70 53	59 36	58 43	59 41	62 33	67 36	67 40	68 36	72 53	76 36	74 44	70 47	77 35	74 46	69 33	72 36	71 46	67 47	70 40	70 32	70 38	74 42	81 52	74 52	76 57	82 50	88 45	70.4 43.5
EPSS 6 WNW	MAX MIN	78 51	55 38	62 43	59 50	70 51	59 37	54 42	58 40	58 33	59 35	64 41	66 38	67 47	70 42	71 46	73 47	67 39	74 42	65 31	62 35	68 46	66 47	60 40	61 33	69 40	70 48	75 48	81 60	71 53	82 52	66.8 43.1	
LAKE PROVIDENCE	MAX MIN	78 51	54 38	60 41	60 49	68 48	60 36	60 40	54 40	58 36	60 36	65 43	67 40	68 39	70 42	71 44	73 45	67 39	75 52	65 35	61 36	68 45	66 47	67 40	61 36	68 43	71 42	76 50	77 50	79 60	70 54	83 45	67.1 43.7
SAINT JOSEPH EXP STA	MAX MIN	77 54	62 42	63 42	63 52	63 53	64 40	55 43	61 45	61 38	60 36	64 40	66 40	68 48	69 42	74 47	73 48	66 37	72 50	71 33	60 33	67 45	65 48	63 41	60 33	67 40	70 41	73 54	76 54	79 56	72 53	79 49	67.2 44.2
TALLULAH	MAX MIN	82 52	54 39	62 42	62 48	69 48	62 34	55 41	62 42	60 35	60 33	65 39	68 38	69 49	73 43	73 40	66 44	65 35	68 40	66 33	62 35	68 45	67 45	67 35	66 36	71 35	71 39	76 40	79 50	80 55	70 51	81 48	67.7 41.6
WINNSBORO	MAX MIN	76 52	54 39	63 42	62 48	70 52	64 36	56 39	64 41	60 35	61 34	61 37	63 38	62 44	70 40	75 43	76 47	67 37	75 44	70 32	64 33	69 34	65 47	62 41	62 32	69 34	72 39	75 45	77 52	80 60	69 54	82 49	67.6 41.9
WEST CENTRAL 04																																	
ASHLAND	MAX MIN	75 52	53 37	58 45	67 47	67 45	63 39	64 44	60 42	63 36	67 32	66 36	66 39	67 42	67 45	75 42	75 36	79 28	75 45	63 25	63 26	72 40	60 45	63 40	63 29	71 38	73 37	76 49	78 56	80 56	65 48	85 45	68.4 40.8
CONVERSE	MAX MIN	73 54	55 40	67 43	63 50	79 51	65 39	63 44	50 43	64 33	66 33	68 37	69 42	68 48	67 36	66 36	76 30	70 33	65 31	60 28	65 29	71 31	66 49	67 40	65 35	71 38	74 45	78 58	77 55	73 45	85 45	68.4 40.4	
LEESVILLE	MAX MIN	78 63	67 48	72 49	67 53	80 52	64 38	65 45	60 46	69 35	69 35	70 39	73 43	69 48	70 37	76 40	78 42	72 33	76 44	65 32	64 29	73 47	62 48	68 41	68 32	74 40	75 48	76 50	79 58	79 62	68 54	88 45	71.4 43.9
MANY	MAX MIN	78 55	56 46	69 47	64 50	80 50	65 42	63 45	59 43	65 32	67 37	69 43	70 43	68 48	78 42	70 35	68 39	70 29	77 37	63 30	65 28	73 36	62 41	66 40	67 30	73 35	75 39	78 49	79 49	77 74	88 47	70.2 40.8	
NATCHITOCHES	MAX MIN	72 55	54 43	64 44	59 46	77 51	62 43	58 46	58 44	63 38	64 38	65 42	68 47	63 50	67 43	72 47	75 49	68 36	75 47	62 33	63 34	68 41	61 47	59 40	63 36	69 44	70 44	75 48	76 55	78 56	65 48	85 48	67.1 44.9
ROSELINE EXP STATION	MAX MIN	76 62	67 46	70 48	67 51	79 51	65 39	64 45	60 46	66 38	67 39	67 43	69 45	66 47	67 42	73 42	77 47	70 35	74 41	66 32	64 31	71 46	63 50	67 44	65 35	72 36	72 40	74 49	76 56	77 45	70 53	85 52	69.9 44.4
CENTRAL 05																																	

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GRAND COTEAU	MAX MIN	71 60	68 47	66 49	76 63	75 54	63 44	64 49	66 52	65 40	65 43	71 43	66 50	70 49	74 43	74 45	70 49	73 43	73 56	64 36	70 36	67 46	68 50	64 42	70 35	74 39	75 43	78 48	81 53	75 67	81 62	84 59	71.0 48.7
JONESVILLE LOCKS	MAX MIN	77 50	58 44	64 44	64 48	72 53	67 43	60 43	62 46	63 38	62 39	65 38	69 45	65 47	69 45	75 45	74 49	67 42	70 44	68 34	63 35	68 42	69 45	65 41	67 37	70 43	71 39	75 47	76 50	79 53	76 53	82 54	68.8 44.4
LSU OLAN LEE EXP STA	MAX MIN	80 62	70 40	68 48	68 42	74 53	66 44	62 46	61 48	65 37	66 39	66 44	70 43	66 49	69 43	75 45	71 44	70 39	74 40	68 34	63 35	70 45	62 48	64 42	65 34	71 39	72 42	74 46	77 53	80 53	72 53	84 54	69.8 44.5
MAMOU 4 S	MAX MIN	72 64	70 51	70 53	76 64	75 55	68 49	65 51	66 53	67 45	68 48	69 52	70 52	69 53	74 50	71 51	73 52	74 49	72 58	65 39	70 39	70 39	68 51	66 54	70 54	75 45	74 54	78 54	80 55	80 68	83 62	83 58	72.0 52.3
MELVILLE	MAX MIN	80 62	71 47	69 46	69 55	71 53	70 45	68 40	63 45	68 40	65 40	67 45	71 46	65 40	70 45	75 46	74 52	69 40	74 52	37 48	34 42	69 42	64 52	67 43	65 34	70 45	73 48	76 49	77 54	82 67	72 54	80 57	70.8 46.8
NEW ROADS 5 ESE	MAX MIN	80 56	73 49	72 49	71 52	75 58	71 44	66 48	63 51	67 40	68 46	72 46	73 41	62 46	71 46	75 46	75 49	71 49	73 42	74 39	65 39	69 45	65 45	67 51	65 45	71 38	72 42	75 47	76 55	80 61	76 52	85 52	71.4 47.2
OLD RIVER LOCK	MAX MIN	79 51	77 45	66 46	68 51	71 56	69 44	62 43	65 48	65 41	65 39	66 44	70 47	65 44	70 44	75 44	76 49	75 43	74 41	71 38	62 34	69 35	61 50	64 35	62 35	68 38	71 41	76 45	75 52	76 58	80 59	83 54	70.2 44.8
OLLA 3 SSW	MAX MIN	76 53	53 40	65 41	62 48	75 46	65 41	59 41	60 42	60 32	64 32	67 37	68 38	70 44	74 37	76 39	70 43	70 31	76 39	67 31	63 30	71 39	62 46	61 37	65 30	71 35	73 37	76 43	79 48	79 58	68 50	87 44	68.7 40.3
WOODWORTH 2 SE	MAX MIN	79 60	70 46	71 45	68 53	78 53	69 43	61 45	62 48	69 40	67 38	68 42	71 44	65 50	70 44	75 46	77 51	72 43	75 48	70 38	69 35	72 36	62 49	66 44	67 35	71 35	71 43	75 50	76 55	79 59	77 56	86 57	71.2 46.2
EAST CENTRAL	06																																
AMITE	MAX MIN	79 53	73 50	73 48	67 55	72 51	73 39	67 40	67 50	68 39	69 38	69 39	73 48	66 48	72 40	77 42	75 51	72 38	75 40	76 37	63 32	71 34	64 50	69 45	65 38	69 38	74 40	76 41	77 44	78 63	72 54	85 58	71.8 44.6
BATON ROUGE WSO AP	MAX MIN	74 56	71 52	65 49	71 61	71 50	66 43	64 51	67 48	68 42	67 41	71 48	64 48	70 49	75 43	76 42	74 45	75 41	75 46	62 39	68 39	65 46	66 52	63 43	70 40	72 42	76 44	76 44	80 54	73 57	84 57	84 51	70.9 47.3
BOGALUSA	MAX MIN	80 48	74 49	73 45	70 49	73 55	72 39	68 40	65 47	68 38	68 37	69 40	72 44	70 46	71 39	78 44	76 46	72 40	75 48	76 34	62 35	71 47	67 46	73 37	65 37	70 36	74 38	75 39	78 45	76 42	74 53	85 60	72.3 43.2
CLINTON 5 SE	MAX MIN	79 50	72 49	71 46	67 51	70 53	68 39	65 41	64 53	67 40	68 45	70 47	65 40	71 47	77 42	74 43	70 36	73 45	73 45	61 36	69 42	64 49	65 44	62 39	61 41	70 40	74 46	75 53	76 60	71 55	83 53	70.1 45.1	
COVINGTON 4 NNW	MAX MIN	74 57	72 51	68 46	70 57	73 49	67 38	63 50	67 47	69 40	67 37	72 43	66 45	65 49	75 36	76 38	74 40	70 33	68 57	68 36	65 29	61 41	73 51	65 48	69 36	72 35	73 42	76 40	75 50	73 65	82 55	78 55	71.0 45.6
FRANKLINTON 3 SW	MAX MIN	76 56	72 49	68 44	71 55	74 46	65 39	65 47	65 43	70 37	67 43	70 37	65 46	72 45	75 43	75 40	70 39	77 42	74 42	61 36	70 32	65 43	71 50	64 41	68 36	70 37	73 43	75 49	77 63	73 51	85 56	78 44	71.0 44.1
HAMMOND 3 NW	MAX MIN	78 58	75 49	70 44	68 56	70 50	73 37	65 48	65 47	66 37	67 45	70 46	65 46	71 48	76 37	77 45	70 36	74 54	78 45	64 35	70 40	65 50	64 46	68 35	69 36	74 38	76 41	78 50	77 62	70 57	84 54	71.2 45.0	
LSU BEN-HUR EXP STN	MAX MIN	78 59	72 52	71 49	70 53	72 53	69 44	65 51	64 53	68 40	69 45	72 48	70 40	68 49	75 40	73 40	75 46	62 38	71 55	75 39	62 41	71 40	64 34	70 36	73 41	71 39	77 54	81 58	81 58	85 53	71.3 45.4		
SLIDELL WSO	MAX MIN	76 54	72 54	69 47	67 46	72 57	75 42	64 46	65 48	65 41	71 42	69 46	72 47	68 50	72 42	73 43	74 51	72 38	73 46	77 38	63 37	65 46	69 53	71 49	62 48	66 49	72 42	74 45	77 54	75 65	73 56	85 56	70.7 47.6
SOUTHWEST	07																																
CROWLEY EXP STATION	MAX MIN	75 60	71 48	67 48	69 52	77 53	69 44	62 49	62 51	66 40	66 49	65 51	70 45	64 49	68 42	74 51	72 49	70 43	70 54	73 47	64 43	68 46	64 37	66 46	66 38	70 38	73 43	75 50	75 54	77 62	73 54	82 50	69.8 47.9
DE QUINCY 4 N	MAX MIN	77 61	67 49	72 49	68 52	80 51	68 40	64 41	62 47	69 39	69 40	68 44	70 46	65 48	72 40	74 44	78 38	72 41	74 41	69 33	65 31	70 47	64 51	71 44	67 33	72 37	73 48	74 55	78 55	79 55	85 56	71.2 44.5	
DE RIDDER	MAX MIN	79 64	68 48	71 49	68 52	79 56	66 42	66 43	60 42	68 43	68 41	66 46	72 44	68 49	68 42	74 40	77 50	71 39	74 40	66 34	65 42	72 45	62 52	68 48	66 38	73 39	74 40	77 50	78 54	80 52	75 54	80 54	70.7 46.2
ELIZABETH	MAX MIN	78 56	77 48	70 48	68 52	78 53	66 42	63 43	63 46	67 37	67 48	71 42	66 42	69 48	71 39	76 40	77 49	71 37	75 43	69 36	65 33	72 48	64 52	66 46	65 38	72 43	73 51	75 58	79 58	78 59	84 55	85 55	71.2 45.7
HACKBERRY 8 SSW	MAX MIN	73 62	71 53	66 52	69 53	77 55	69 46	63 52	63 53	67 46	65 49	65 53	70 50	67 50	72 50	71 56	73 51	70 49	71 57	72 38	65 40	66 55	65 52	70 49	67 44	68 46	70 50	73 62	72 64	76 58	77 59	69.1 52.1	
JENNINGS	MAX MIN	75 59	70 52	69 51	68 53	76 53	66 44	63 45	64 50	66 42	66 46	69 52	69 51	65 49	75 44	75 46	73 44	70 46	73 46	72 44	63 37	69 38	63 51	68 46	66 37	69 41	72 45	75 53	78 53	72 61	83 58	70.1 46.7	
LAKE CHARLES WSO AP	MAX MIN	69 56	68 52	66 53	78 56	69 48	62 44	62 50	68 51	67 43	65 46	68 51	73 51	68 49	72 46	73 46	72 44	73 46	65 46	68 44	65 37	65 40	70 54	67 46	68 40	70 41	73 45	77 51	71 58	78 66	76 56	86 58	69.6 49.0
OBERLIN FIRE TOWER	MAX MIN	79 61	70 49	71 51	68 54	78 52	71 44	63 48	63 50	69 40	70 45	68 48	71 44	66 49	73 42	76 44	75 48	73 46	76 58	73 34	76 33	72 47	64 50	69 46	68 36	71 39	73 43	75 50	78 56	80 64	70 59	82 57	71.6 47.5
ROCKEFELLER WL REFUGE	MAX MIN	74 57	70 53	68 48	68 57	75 47	71 55	65 48	66 57	69 44	69 52	72 52	68 48	73 52	71 40	71 48	73 49	71 50	73 51	65 39	71 39	69 41	70 51	67 44									

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW IBERIA 5 NW	MAX MIN	75 58	70 49	68 49	70 54	78 53	70 45	64 50	63 52	67 42	69 44	67 47	72 46	74 46	70 44	74 46	74 46	71 43	72 44	74 38	64 35	69 42	65 50	66 46	66 37	72 43	73 43	74 47	75 53	78 62	73 64	84 60	71.0 47.7
SOUTHEAST	09																																
BOOTHVILLE WSCMO CI	MAX MIN	72 56	69 57	67 52	70 61	72 60	69 50	61 53	59 55	61 50	60 51	63 52	64 49	59 52	67 45	73 45	69 56	68 50	71 59	67 41	64 39	70 49	70 56	63 50	69 50	69 47	69 46	72 49	76 60	75 66	81 66	81 66	68.4 52.8
DELTA-BRETON WL REF	MAX MIN	69 51	65 54	63 50	70 56	66 55	68 52	62 51	62 55	60 51	63 49	63 50	65 50	66 55	60 49	68 50	67 52	68 51	65 53	66 45	59 46	63 49	70 56	66 51	62 51	63 50	69 51	68 54	71 57	75 62	72 62	72 60	66.0 52.5
DONALDSONVILLE	MAX MIN	78 54	72 53	72 53	72 54	71 55	69 46	68 47	62 52	65 44	70 45	66 47	70 52	64 51	67 53	74 51	74 53	71 50	72 51	73 42	62 43	70 54	67 55	68 50	64 50	69 51	70 50	74 51	75 56	80 58	79 68	80 64	70.6 51.7
GALLIANO	MAX MIN	78 56	77 53	69 52	69 63	71 54	74 48	68 54	62 54	62 46	69 47	65 51	70 50	67 53	63 45	74 48	73 49	72 42	72 52	76 44	64 38	69 46	72 52	71 49	66 42	69 41	72 46	73 51	74 59	78 65	75 68	86 63	71.0 51.0
HOUMA	MAX MIN	76 56	74 55	70 53	70 55	73 52	74 48	69 51	62 53	58 46	68 48	66 51	71 51	66 53	65 42	74 46	74 49	73 42	71 53	75 43	64 38	69 46	67 50	68 49	65 39	69 39	73 44	73 48	75 57	78 61	73 67	84 67	70.5 50.1
LOUISIANA NATURE CTR	MAX MIN	80 61	80 52	70 50	70 47	74 55	73 44	65 51	63 49	61 41	70 45	67 50	71 49	67 50	71 44	78 45	76 56	71 42	74 48	80 43	63 44	73 47	74 46	72 49	65 44	68 42	73 45	75 49	76 58	76 64	82 67	84 65	72.3 49.7
NEW ORLEANS WSCMO AP	MAX MIN	76 62	71 56	70 52	77 58	75 55	65 50	64 55	65 46	70 46	67 48	72 49	68 50	65 49	75 41	79 44	73 50	75 43	81 48	64 46	68 41	70 46	74 53	69 52	73 46	71 46	73 51	76 55	76 61	75 67	84 64	80 65	72.3 51.5
N O AOBON WSFO CI	MAX MIN	76 64	70 59	69 58	76 61	73 59	65 52	64 59	62 51	69 49	68 53	71 55	66 56	66 51	76 50	76 51	72 55	73 47	79 52	65 50	69 46	71 52	75 55	66 54	70 53	74 48	77 51	78 54	78 63	78 71	85 69	81 69	72.2 55.4
PARADIS 7 S	MAX MIN	75 61	71 55	68 49	74 56	73 55	72 42	65 53	60 51	68 43	67 40	71 48	70 47	64 51	74 42	75 40	83 50	71 43	76 45	75 40	68 39	69 42	69 41	67 47	68 41	71 38	72 41	73 44	75 54	75 60	83 57	84 64	71.8 47.7
PLAQUEMINES EXP STA	MAX MIN	74 61	72 54	68 50	73 60	71 54	71 48	64 53	60 52	65 46	64 46	68 50	71 50	65 58	72 43	73 47	70 48	71 42	75 55	74 42	67 37	71 45	72 52	68 49	69 43	73 42	74 41	75 40	76 58	76 66	84 66	82 64	71.2 50.4
RESERVE	MAX MIN	75 50	79 49	68 48	68 51	73 53	73 43	68 45	68 53	65 43	70 43	68 46	70 49	66 50	68 44	74 51	75 44	71 42	72 48	77 41	62 39	72 45	66 46	69 43	65 41	68 41	71 44	73 47	78 50	78 52	78 63	84 61	71.4 47.5
SAINT BERNARD	MAX MIN	78 61	70 56	68 52	75 50	72 46	70 45	65 42	59 41	69 39	67 43	70 51	66 43	63 50	78 42	75 53	73 44	73 44	74 53	68 41	67 37	70 43	75 48	64 48	67 43	70 39	73 43	75 46	75 54	74 61	86 48	83 64	71.4 47.4
THIBODAUX	MAX MIN	78 52	74 55	74 53	70 54	72 57	74 43	72 45	65 53	62 40	72 43	70 45	75 54	66 52	69 46	78 47	77 51	73 52	76 53	77 40	65 39	73 40	67 54	70 48	68 40	72 41	76 42	76 44	76 52	78 64	74 60	84 61	72.7 49.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

LOUISIANA
MARCH 1981

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CALHOUN EXP STATION	(1N)	4	MAX MIN	66 59	59 52	66 52	56 53	68 55	60 52	61 52	58 50	62 49	64 49	65 50	66 51	62 51	68 53	72 53	67 53	70 52	73 52	64 55	67 49	73 51	57 55	58 50	64 50	69 49	70 52	73 53	72 57	70 59	65 58	73 58	65.7 52.7
CLINTON 5 SE	(1N)	4	MAX MIN	64 54	63 58	67 56	59 56	68 57	64 55	62 54	62 54	61 52	61 51	60 51	64 54	60 59	65 54	69 55	66 57	67 57	68 55	70 57	65 56	68 53	58 56	63 55	61 52	62 51	65 52	66 54	67 55	69 59	66 63	75 63	64.7 55.3
CROWLEY EXP STATION	(1N)	4	MAX MIN	75 61	70 55	75 54	65 55	74 57	71 54	70 53	63 54	72 48	73 49	70 54	72 56	65 56	76 51	82 52	75 53	74 53	77 54	81 53	77 52	82 52	64 54	73 50	75 51	79 50	79 53	83 56	83 57	84 60	71 66	85 61	74.7 54.3
HOUMA	(1N)	4	MAX MIN	70 57	65 60	68 52	62 55	64 56	69 55	71 54	60 57	57 50	67 50	65 52	68 54	64 59	63 52	71 52	69 53	67 55	66 54	62 51	66 52	68 52	60 56	63 53	67 51	71 50	72 53	72 55	70 56	69 60	66 64	71 64	66.5 54.6
LSU DEAN LEE EXP STA	(1N)	4	MAX MIN	70 64	68 62	67 61	63 60	67 63	65 60	65 60	61 59	63 57	62 56	68 56	64 59	62 58	63 59	66 58	65 60	65 59	65 58	65 59	62 58	65 56	60 60	62 59	61 57	64 56	65 58	67 60	66 61	68 62	68 67	72 67	65.0 59.6
RED RIV VALLEY EXP STA	(1N)	4	MAX MIN	67 57	59 48	67 48	57 51	68 52	61 49	59 49	54 48	66 46	64 47	63 46	63 46	61 47	71 51	73 50	74 51	70 50	73 50	64 47	70 46	73 48	59 52	61 49	68 48	75 48	74 51	76 52	77 56	74 60	62 54	77 54	67.1 50.0
SAINT JOSEPH EXP STA	(1N)	4	MAX MIN	68 56	60 53	62 53	56 53	62 56	60 50	59 50	56 51	61 49	62 49	63 50	64 53	62 53	65 54	69 54	66 56	66 53	67 53	63 50	63 50	67 50	59 55	60 51	61 49	65 49	68 52	70 54	73 57	74 61	68 61	74 61	64.3 53.1
WINNSBORO	(1N)	4	MAX MIN	67 60	65 51	65 50	55 52	62 54	58 49	57 49	56 49	58 47	60 46	60 47	62 50	60 50	62 52	66 52	62 54	64 52	64 51	61 49	63 48	66 50	57 54	58 50	61 48	65 46	66 51	68 53	70 50	70 59	65 60	70 58	62.7 51.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

LOUISIANA
MARCH 1981

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
RED RIV VALLEY EXP STA	EVAP	.06	.08	.12	.09	.20	.07	.09	.05	.12	.13	.10	.13	.06	.11	.16	.20	.13	.34	-	.32	.23	.09	.10	.17	.17	.18	.26	.24	.25	.08	.23	4.718
	WIND	62	28	42	110	96	40	43	44	28	29	20	20	20	16	28	92	22	155	58	46	87	66	57	37	28	30	90	102	148	39	59	1742
NORTH CENTRAL 02																																	
CALHOUN EXP STATION	EVAP	.08	-	.07	-	.11	.11	.08	.10	.11	.14	.12	.14	.07	.13	.16	.20	.18	.26	.14	.21	.19	.1	.07	.18	.17	.14	.21	.21	.19	.10	.25	4.408
	WIND	33	18	9	48	16	34	7	29	12	11	10	11	5	8	11	55	24	57	70	43	15	24	70	30	11	10	23	25	69	12	23	823
NORTHEAST 03																																	
SAINT JOSEPH EXP STA	EVAP	.15	.04	.13	-	-	-	-	.12	.16	.14	.10	.15	.11	.13	.16	.17	.21	.25	-	-	-	.10	.06	.21	.17	.15	.19	.21	.27	-	.21	-
	WIND	88	63	49	76	33	84	62	58	66	33	12	34	11	20	20	110	47	131	117	64	31	65	102	57	33	18	39	70	90	100	39	1822
EAST CENTRAL 06																																	
LSU BEN-HUR EXP STN	EVAP	.17	.07	.15	.06	.11	.13	.18	.03	.27	.09	.10	.24	.11	.10	.17	.18	.14	.30	.31	.25	.10	.19	.21	.34	.18	.05	.21	.19	.11	.24	.19	5.17
	WIND	65	68	44	95	76	90	41	63	39	41	17	23	31	*	*	143	54	142	142	54	22	77	139	57	25	14	32	114	-	-	-	18918
	MAX	81	72	77	73	73	76	73	68	68	76	71	78	62	-	-	84	76	76	78	70	72	72	78	73	77	79	81	-	-	83	75	74.9
	MIN	57	55	61	50	50	49	50	52	46	48	50	50	50	-	-	60	46	48	43	43	43	43	46	44	47	61	51	-	-	60	65	50.7
SOUTHEAST 09																																	
HOUMA	EVAP	.13	.04	.08	-	.05	.28	.17	.07	.00	.16	.11	.13	.15	.10	.15	.18	.22	.17	.35	.24	.20	.10	.26	.20	.16	.10	.20	.16	.14	.00	.18	4.638
	WIND	42	62	26	93	69	86	27	71	*	73	20	29	62	33	22	83	45	93	154	48	28	58	120	56	24	20	26	52	99	128	30	1779

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
MARCH 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE	0007	07	VERMILION		29 58	92 08	10		8A			CITY OF ABBEVILLE
ABITA SPRINGS FIRE TWR	0021	06	ST TAMMANY		30 26	90 03	30		1P			LA DEPT OF NATURAL RES
ALEXANDRIA	0098	05	RAPIDES		31 19	92 28	87	8A	8A		C	ALEXANDRIA POWER PLANT
AMITE	0205	06	TANGIPAHOA		30 43	90 30	180	8A	8A		H	MRS ROBERT S MC CLENDON
ANTIOCH FIRE TOWER	0253	02	CLAIBORNE		32 53	93 00	350		1P		H	STATE DIV OF FORESTRY
ASHLAND	0349	04	NATCHITOCHES		32 07	93 06	225	8A	8A		H	SOLOMON G MARTIN
BAKER	0462	06	E BATON ROUG		30 35	91 10	80		7A			BAKER FIRE DEPT
BASTROP	0537	03	MOREHOUSE		32 47	91 54	140	5P	5P		H	CITY OF BASTROP
BATON ROUGE CENTRAL	0546	06	E BATON ROUG		30 33	91 03	65		8A			E BATON ROUG PARISH
BATON ROUGE WSO AP	0549	06	E BATON ROUG		30 32	91 08	64	MID	MID		C HJ	NATL WEATHER SERVICE
BATON ROUGE KLEINPETER	0558	06	E BATON ROUG		30 22	91 01	25		7A			E BATON ROUGE PARISH
BAYOU SORREL LOCK	0565	08	IBERVILLE		30 08	91 19	15		8A		H	U S CORPS OF ENGINEERS
BEAVER FIRE TOWER	0617	05	EVANGELINE		30 48	92 35	105		1P			STATE DIV OF FORESTRY
BELAH FIRE TOWER	0639	05	LA SALLE		31 38	92 11	200	9A	1P		H	STATE DIV OF FORESTRY
BETHANY	0786	01	CADDO		32 23	94 03	370		8A			NORMAN G ALEXANDER
BIENVILLE 3 NE	0800	02	BIENVILLE		32 22	92 56	307	MID	MID			SOUTHERN NATURAL GAS CO
BODCAU FIRE TOWER	0920	01	BOSSIER		32 42	93 31	260		1P			STATE DIV OF FORESTRY
BOGALUSA	0945	06	WASHINGTON		30 47	89 52	103	8A	8A		H	CROWN ZELLERBACH CORP
BOOTHVILLE WSCMO CI	1157	09	PLAQUEMINES		29 20	89 24	0	MID	MID		C HJ	NATL WEATHER SERVICE
BOYCE 3 WNW	1232	05	RAPIDES		31 23	92 43	110	MID	MID			CENTRAL LA ELECTRIC CO
BUNKIE	1287	05	AVOUELLES		30 57	92 10	80	8A	8A		H	ROGERS J LACHNEY
BUTTE LA ROSE	1365	08	ST MARTIN		30 17	91 41	5		8A			CLARENCE J HOTARD JR
CALHOUN EXP STATION	1411	02	OUACHITA		32 31	92 20	180	8A	8A		BACGH	L S U NORTH LA EXP STA
CARVILLE 2 SW	1565	08	IBERVILLE		30 12	91 07	25	8A	8A		H	U S PUBLIC HEALTH HOSP
CLINTON	1891	06	E FELICIANA		30 52	91 01	180		8A			KENNETH M CAIN
CLINTON 5 SE	1899	06	E FELICIANA		30 48	90 58	200	8A	8A		CG	LSU IDLEWILD EXP STN
COLUMBIA LOCKS	1979	02	CALDWELL		32 10	92 06	80		8A			U S CORPS OF ENGINEERS
CONVERSE	2023	04	SABINE		31 45	93 42	220	8A	8A		H	WILLIAM R OTT
COTTON VALLEY	2121	01	WEBSTER		32 49	93 25	230	7A	7A		H	MRS RUBY V ALLEN
COVINGTON 4 NWN	2151	06	ST TAMMANY		30 32	90 07	40	5P	5P		C H	ST JO ABBEY-SEMINARY
CROWLEY EXP STATION	2212	07	ACADIA		30 15	92 22	25	8A	8A		GH	L S U RICE EXP STATION
DELTA-BRETON WL REF	2330	09	PLAQUEMINES		29 13	89 16	5	8A	8A		H	DELTA-BRETON NAT WL REF
DENHAM SPRINGS	2350	06	LIVINGSTON		30 28	90 58	35		7A			DENHAM SPRINGS FIRE D
DE QUINCY 4 N	2361	07	BEAUREGARD		30 31	93 26	95	8A	8A		H	LA CORR AND IND SCH
DE RIDDER	2367	07	BEAUREGARD		30 50	93 18	180	8A	8A		H	CITY WATER PLANT
DONALDSONVILLE	2534	09	ASCENSION		30 07	90 59	40	8A	8A		H	MARIANGE G GUILLOT
ELIZABETH	2800	07	ALLEN		30 52	92 48	150	8A	8A		H	CALCASIEU PAPER CO
EPPS 6 WNW	2971	03	WEST CARROLL		32 37	91 34	99	8A	8A		C H	TRUCKLINE GAS CO
EUNICE	2981	05	ST LANDRY		30 29	92 26	50		7A			ROYNE H FONTENOT
FRANKLIN 3 NW	3313	08	ST MARY		29 49	91 33	12	MID	MID		H	CENTRAL LA ELECTRIC CO
FRANKLINTON 2	3322	06	WASHINGTON		30 51	90 10	145		8A			FRED B ORMAN
FRANKLINTON 3 SW	3327	06	WASHINGTON		30 49	90 11	145	MID	MID		H	SOUTHERN NAT GAS CO
GALLIANO	3433	09	LAFOURCHE		29 26	90 18	2	8A	8A		H	LAFOURCHE PARISH SHER D
GLOSTER 1 W	3657	01	DE SOTO		32 12	93 50	255		7A			MARGARET E JAMISON
GONZALES	3695	09	ASCENSION		30 14	90 54	10		7A		C	CITY OF GONZALES-SEW PL
GORUM FIRE TOWER	3741	04	NATCHITOCHES		31 25	92 54	360		1P		H	STATE DIV OF FORESTRY
GRAND COTEAU	3800	05	ST LANDRY		30 26	92 02	55	5P	5P		H	ST CHARLES COLLEGE
GRAND ECORE	3804	04	NATCHITOCHES		31 48	93 06	150		7A			CLINTON JONES
GRAND ISLE 2	3815	09	JEFFERSON		29 14	90 00	2				C	TOWN OF GRAND ISLE
GREENSBURG	3864	06	ST HELENA		30 50	90 40	225		8A			TOWN OF GREENSBURG
GREENWELL SPRINGS	3867	06	E BATON ROUG		30 34	90 59	60		7A			MRS LAURA L CAMPBELL
GREENWOOD FIRE TOWER	3877	01	CADDO		32 25	94 00	350		1P			STATE DIV OF FORESTRY
HACKBERRY 8 SSW	3979	07	CAMERON		29 53	93 25	6	8A	8A		H	U S FISH-WILDLIFE SERV
HAMMOND 5 E	4030	06	TANGIPAHOA		30 30	90 22	35		7A			LSU SE LA HORTICUL STN
HAMMOND 3 NW	4034	06	TANGIPAHOA		30 32	90 29	45	9A	9A		H	LA DEPT OF NATURAL RES
HANNA 3 S	4050	01	RED RIVER		31 54	93 21	125		8A			CHARLES D WOOD
HODGES GARDENS	4288	04	SABINE		31 22	93 23	420		8A			HODGES GARDENS
HOMER EXP STATION	4355	02	CLAIBORNE		32 45	93 04	380	8A	8A		H	N LA HILL FARM EXP STA
HOSSTON	4398	01	CADDO		32 53	93 53	200		8A			THOMAS C GRAVES
HOUMA	4407	09	TERREBONNE		29 35	90 44	15	8A	8A		BA GH	USDA-SUGARCANE FLD STN
JEANERETTE EXP STN	4674	08	IBERIA		29 57	91 43	20	8A	8A		H	LSU IBERIA LIVESTOCK FM
JENNINGS	4700	07	JEFF DAVIS		30 12	92 40	25	8A	8A		C H	DOUGLAS E HOLLIER
JONESBORO FIRE TOWER	4732	02	JACKSON		32 13	92 42	320		1P			LA DEPT OF NATURAL RES
JONESVILLE LOCKS	4739	05	CATAHOULA		31 29	91 51	70	8A	8A		C	U S CORPS OF ENGINEERS
KEITHVILLE	4816	01	CADDO		32 21	93 50	200		7A			MRS OLIVE B WILL
KENTWOOD	4859	06	TANGIPAHOA		30 56	90 31	220		8A			MRS NICK SALADINO
KINDER 3 W	4884	07	ALLEN		30 30	92 54	53		7A			ALEX COURVILLE
KORAN	4931	01	BOSSIER		32 25	93 28	175		8A			UNITED GAS PIPELINE CO
LAFAYETTE	5021	08	LAFAYETTE		30 14	92 03	40				C	CITY OF LAFAYETTE UTIL

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
MARCH 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
LAFAYETTE FAA AP	5026	08	LAFAYETTE		30 12	91 59	38	MID	MID		H	FAA
LAKE CHARLES 2 N	5074	07	CALCASIEU		30 15	93 13	5		8A			U S CORPS OF ENGINEERS
LAKE CHARLES WSO AP	5078	07	CALCASIEU		30 07	93 13	9	MID	MID		C H J	NATL WEATHER SERVICE
LAKE PROVIDENCE	5090	03	EAST CARROLL		32 48	91 10	103	8A	8A		H	LA POWER & LIGHT CO
LEESVILLE	5266	04	VERNON		31 09	93 16	240	8A	8A		C H	JAMES M MILLER
LIVERPOOL 3 ENE	5430	06	ST HELENA		30 56	90 38	250		8A			CLIFTON SMITH
LIVINGSTON	5438	06	LIVINGSTON		30 30	90 45	40		8A			JOHNNY SZANYI
LOGANSVILLE	5527	01	DE SOTO		31 59	93 57	210	5P	5P		C H	SOUTHERN NATURAL GAS CO
LONGVILLE	5584	07	BEAUREGARD		30 36	93 14	114		7A			FRED REEVES JR
LOUISIANA NATURE CTR	5610	09	ORLEANS		30 03	89 58	-1	8A	8A			LA NATURE CTR INC
LSU BEN-HUR EXP STN	5620	06	E BATON ROUG		30 22	91 10	21	8A	8A	8A		LSU AGRI EXP STATION
LSU DEAN LEE EXP STA	5630	05	RAPIDES		31 11	92 24	70	8A	8A		G	LSU DEAN LEE AGRI CNTR
MAMOU 4 S	5852	05	EVANGELINE		30 34	92 26	55	5P	5P			TRANSCONTINENTAL G P C
MANSFIELD 3 WSW	5874	01	DE SOTO		32 01	93 44	375		7A		H	BENNETT STRANGE
MANY	5892	04	SABINE		31 34	93 29	260	8A	8A		H	ROBERT R GENTRY
MARION	5908	02	UNION		32 54	92 15	190		8A			TOWN OF MARION
MARKSVILLE	5920	05	AVOUELLES		31 09	92 02	85		8A			TOWN OF MARKSVILLE
MARTIN FIRE TOWER	5935	01	RED RIVER		32 06	93 14	270		1P		C	HERSHEL L CULPEPPER
MELVILLE	6117	05	ST LANDRY		30 41	91 45	30	8A	8A		H	MRS RUTH T HEBERT
MERMENTAU	6142	07	ACADIA		30 11	92 35	16		8A			DENNIS J BROUSSARD
MINDEN	6244	01	WEBSTER		32 35	93 17	185	8A	8A		C H	MUNICIPAL POWER PLANT
MITTIE 2 SE	6271	07	ALLEN		30 42	92 53	120		8A			MRS OLLIE M MAHAFFEY
MONROE FAA AP	6303	02	OUACHITA		32 31	92 03	78	MID	MID		H	FAA
MONROE NLU	6314	02	OUACHITA		32 32	92 04	70	8A	8A		C	NORTHEAST LA UNIVERSITY
MOORINGSPOINT 1 N	6364	01	CADDO		32 42	93 58	200		8A			SOUTHWESTERN ELEC CO
MORGAN CITY	6394	08	ST MARY		29 41	91 11	5	8A	8A		C	U S CORPS OF ENGINEERS
NATCHITOCHES	6582	04	NATCHITOCHES		31 46	93 05	130	8A	8A		C H	MUNICIPAL POWER PLANT
NEW IBERIA 5 NW	6657	08	IBERIA		30 03	91 53	25	8A	8A		H	GULF S RESEARCH INST
NEW ORLEANS WSCMO AP	6660	09	JEFFERSON	R	29 59	90 15	4	MID	MID		C H J	NATL WEATHER SERVICE
N O ADBON WSFO CI	6664	09	ORLEANS	R	29 55	90 08	6	MID	MID		C H	NATL WEATHER SERVICE
NEW ORLEANS ALGIERS	6666	09	ORLEANS	R	29 56	90 02	2		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 14	6668	09	ORLEANS	R	30 04	89 58	0		12M			SWG AND WATER BOARD
NEW ORLEANS WATER PLT	6669	09	ORLEANS	R	29 57	90 08	22		12M			SWG AND WATER BOARD
NEW ORLEANS CITY HALL	6670	09	ORLEANS		29 57	90 04	5		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 5	6672	09	ORLEANS	R	29 59	90 01	10		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 3	6675	09	ORLEANS	R	29 59	90 04	12		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 6	6679	09	ORLEANS	R	29 59	90 07	0		12M			SWG AND WATER BOARD
NEW ROADS 5 ESE	6686	05	POINTE COUPE		30 41	91 22	45	8A	8A		H	CAJUN ELEC PWR COOP INC
OAKDALE	6836	07	ALLEN		30 49	92 41	100		7A			CRED JONES
OAK GROVE 2 WSW	6866	03	WEST CARROLL		32 51	91 26	110		8A			MRS JESSEE PETERSON
OAKNOLIA	6911	06	E FELICIANA		30 44	90 59	130		7A			PERCY E DREHER
OBERLIN FIRE TOWER	6938	07	ALLEN		30 36	92 47	65	9A	1P		H	LA DEPT OF NATURAL RES
OLD RIVER LOCK	6962	05	POINTE COUPE		31 00	91 40	70	8A	8A		C	U S CORPS OF ENGINEERS
OLLA 3 SSW	6978	05	LA SALLE		31 52	92 16	100	8A	8A		C	UNITED GAS PIPE LINE CO
OPELOUSAS	6995	05	ST LANDRY		30 29	92 04	60		7A			HAROLD L BAQUE
PARADIS 7 S	7096	09	ST CHARLES		29 47	90 26	5	4P	4P		H	RUDOLPH MELANCAN JR
PEARL RIVER LOCK 1	7161	06	ST TAMMANY		30 27	89 47	30		8A			U S CORPS OF ENGINEERS
PINE GROVE FIRE TOWER	7304	06	ST HELENA		30 42	90 45	190		1P			LA DEP OF NAT RESOURCES
PLAIN DEALING	7344	01	BOSSIER		32 54	93 41	291	8A	8A		H	LEON SANDERS JR
PLAQUEMINE 2 N	7366	08	IBERVILLE		30 19	91 14	20		7A			DOW CHEMICAL USA
PLAQUEMINES EXP STA	7368	09	PLAQUEMINES		29 35	89 50	4	4P	4P			LSU PLAQUEMINES P EXP S
PORT ALLEN	7448	05	W BATON ROUG		30 27	91 13	15		8A			CITY-PORT ALLEN SEW PLT
RED RIV VALLEY EXP STA	7738	01	BOSSIER		32 25	93 38	155	8A	8A	8A	BACG	LSU RED RIVER VLY EXP
RESERVE	7767	09	ST JOHN BAPT		30 04	90 34	13	8A	8A		H	GODCHAUX-HENDERSON
ROBSON	7924	01	CADDO		32 21	93 39	160		8A			LSU PECAN EXP STN
ROCKEFELLER WL REFUGE	7932	07	CAMERON		29 44	92 49	4	8A	8A		C	U S FISH & WILDLIFE
RODESSA	7950	01	CADDO		32 58	94 00	200		7A			MRS F M OSBORN
ROSEFINE EXP STATION	8046	04	VERNON		30 57	93 17	238	8A	8A			LSU WEST LA EXP STA
RUSTON	8065	02	LINCOLN		32 32	92 36	300		8A		C	CITY OF RUSTON
RUSTON-LA TECH UNIV	8067	02	LINCOLN		32 31	92 39	275	8A	8A		H	LA TECH UNIVERSITY
SAILES FIRE TOWER	8094	02	BIENVILLE		32 22	93 08	360		1P			STATE DIV OF FORESTRY
SAINT BERNARD	8108	09	ST BERNARD		29 52	89 50	5	5P	5P			SOUTHERN NATL GAS CO
SAINT FRANCISVILLE	8136	06	W FELICIANA		30 47	91 23	110		8A			MS MARCIA W ROGERS
SAINT JOSEPH EXP STA	8163	03	TENSAS		31 57	91 14	78	8A	8A	8A	GH	NE LA EXPERIMENT STA
SHERIDAN FIRE TOWER	8405	06	WASHINGTON		30 51	89 59	330		1P			LA DEPT OF NATURAL RES
SHREVEPORT DOWNTOWN	8436	01	CADDO		32 31	93 45	180		8A			MEDFORD B BENNETT
SHREVEPORT WSO AP	8440	01	CADDO	R	32 28	93 49	254	MID	MID		C H J	NATL WEATHER SERVICE
SIMMESPORT	8507	05	AVOUELLES		30 59	91 49	50		8A			MRS CARMEN R RABALAIS
SLAGLE	8524	04	VERNON		31 12	93 08	300		8A			MRS MARGIE A HAYMON

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
MARCH 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SLIDELL WSFO	8539	06	ST TAMMANY		30 15	89 46	10	8A	8A		C H	NOAA NATL WEATHER SERV
SPEARSVILLE FIRE TOWER	8669	02	UNION		32 54	92 34	200		1P		C	HAROLD L ATWELL
SPRINGHILL	8683	01	WEBSTER		33 00	93 27	250		8A		C	MRS RUTH M MATLOCK
SPRINGVILLE FIRE TOWER	8715	06	LIVINGSTON		30 26	90 39	30		1P		H	LA DEP OF NAT RESOURCES
STERLINGTON	8785	02	OUACHITA		32 43	92 05	60		8A			LA POWER & LIGHT CO
STEVENSON FIRE TOWER	8795	03	MOREHOUSE		32 54	91 58	150		1P			STATE DIV OF FORESTRY
SUGARTOWN	8828	07	BEAUREGARD		30 51	93 01	170		7A			MRS PEARL M McDONALD
SULPHUR	8831	07	CALCASIEU		30 14	93 23	12		8A			CITY WATER PLANT
TALLULAH	8923	03	MADISON		32 24	91 13	85	8A	8A		H	PEOPLES WATER SERV CO
THIBODAUX	9013	09	LAFOURCHE		29 48	90 49	20	8A	8A			CITY OF THIBODAUX WTR W
VERMILION LOCK	9319	07	VERMILION		29 47	92 12	14	8A	8A		H	U S CORPS OF ENGINEERS
VIDALIA 2	9357	05	CONCORDIA		31 35	91 26	60		8A		C	VIDALIA FIRE DEPT
VINTON	9375	07	CALCASIEU		30 12	93 35	19		8A			TOWN OF VINTON
WATSON 3 ENE	9480	06	LIVINGSTON		30 36	90 54	65		7A			RALPH E CLARK JR
WINNFIELD 2 W	9803	02	WINN		31 56	92 41	160	6P	7A		C H	ESTES B BOZEMAN
WINNSBORO	9806	03	FRANKLIN		32 09	91 42	80	8A	8A		CGH	LA DEPT OF NATURAL RES
WINONA FIRE TOWER	9809	02	WINN		32 02	92 39	220		1P			LA DEPT OF NATURAL RES
WOODWORTH 2 SE	9865	05	RAPIDES		31 07	92 28	116	8A	8A			LA DEPT OF NATURAL RES
ZACHARY 2 ESE	9930	06	E BATON ROUG		30 38	91 08	85		8A			MANUEL F RODRIGUEZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

LOUISIANA

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly heating and cooling degree totals are the sums of the negative and positive departures, respectively, of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1953.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:

	Soil Type	Soil Cover	Degree of Slope
Calhoun Exp Station	: Ruston fine sandy loam	Bare	0%
Clinton 5 SE	: Buff Terrace	Bare	0.1% to S
Crowley Exp Station	: Coastal Prairie	Bare	0%
Houma	: Moon silt clay loam	Bare	0%
LSU Dean Exp Sta			
Station	: Red River alluvial	Bare	0%
Red River Valley Exp Sta			
Saint Joseph Exp Sta	: Sharkey clay	Bare	0%
Winnsboro	: Bluff Terrace	Bare	0%

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45c single copy; \$1.00 foreign; 45c annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
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THIRD CLASS
BULK RATE

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
APRIL 1981

STATION		TEMPERATURE														PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
												MAX.	MIN.	TOTAL	MAX. DEPTH ON GROUND					DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE		
NORTHWEST 01		81.2	56.3	68.8		88	30	38	6	29	150	0	0	0	0	2.62		1.22	29	.0	0		6	1	1
COTTON VALLEY		84.3	58.2	71.3		88	17	36	6	16	213	0	0	0	0	1.28	- 3.61	.54	23	.0	0		3	1	0
LOGANSPOUT 4 ENE		81.6	58.9	70.3	4.8	87	30+	42	5	17	181	0	0	0	0	2.79	- 2.08	2.04	19	.0	0		3	2	1
MINOEN		80.0	54.2	67.1	2.5	89	30	38	7+	46	117	0	0	0	0	1.74	- 4.28	.56	4	.0	0		6	1	0
PLAIN DEALING		81.6	56.9	69.3		87	30+	39	6	25	159	0	0	0	0	1.81		1.22	23	.0	0		3	1	1
RED RIV VALLEY EXP STA																									
SHREVEPORT WSO AP		81.4	58.6	70.0	3.6	86	2	42	6	14	171	0	0	0	0	1.97	- 3.22	.74	23	.0	0		3	2	0
DIVISION				69.5	4.0											2.04	- 3.09			.0					
NORTH CENTRAL 02																									
BIENVILLE 3 NE		82.5	58.2	70.4		89	27	38	6	17	187	0	0	0	0	2.13		1.08	23	.0	0		3	2	1
CALHOUN EXP STATION		81.9	57.5	69.7	3.8	89	30	38	6	29	177	0	0	0	0	1.04	- 3.96	.43	24	.0	0		4	0	0
HOMER EXP STATION		80.8	55.9	68.4		87	30	39	6	30	135	0	0	0	0	1.77		.44	24	.0	0		5	0	0
MONROE FAA AP		82.4	60.4	71.4	5.5	91	29	44	6	15	216	3	0	0	0	2.33	- 2.87	1.89	30	.0	0		3	1	1
MONROE NLU		81.5	57.5	69.5		88	18	40	6	30	173	0	0	0	0	1.11		.51	1	.0	0		3	1	0
RUSTON-LA TECH UNIV		81.4	57.8	69.6	4.4	88	30	41	6	20	165	0	0	0	0	3.01	- 2.26	1.41	23	.0	0		5	2	1
WINNFLEO 2 W		82.8	57.6	70.2	3.1	89	29	38	6	15	179	0	0	0	0	.50	- 4.93	.19	24	.0	0		2	0	0
DIVISION				69.9	4.1											1.70	- 3.50			.0					
NORTHEAST 03																									
BASTROP		83.3	60.4	71.9	5.4	90	28+	41	6	10	224	2	0	0	0	2.59	- 2.52	.75	20	.0	0		6	3	0
EDPS 6 NNW		83.2	59.3	71.3		89	30	44	6	16	212	0	0	0	0	1.22		.44	1	.0	0		4	0	0
LAKE PROVIDENCE		82.4	59.0	70.7	4.7	90	30	44	6	15	193	1	0	0	0	1.54	- 3.57	.52	1	.0	0		5	1	0
SAINT JOSEPH EXP STA		81.6	61.2	71.4	5.0	89	30	43	6	10	211	0	0	0	0	1.33	- 3.19	.52	30	.0	0		3	1	0
TALLULAH		82.9	58.1	70.5	4.6	89	30	42	6	17	192	0	0	0	0	.59	- 4.69	.34	1	.0	0		2	0	0
WINNSBORO		83.4	58.7M	71.1M	4.7	92	30	42	6	17	203	1	0	0	0	.30	- 4.38	.10	1	.0	0		1	0	0
DIVISION				71.2	5.0											1.26	- 3.69			.0					
WEST CENTRAL 04																									
ASHLAND		81.4	56.3	68.9		87	30	35	6	23	148	0	0	0	0	1.67		.48	5	.0	0		4	0	0
CONVERSE		81.4	56.5	69.0		88	30+	37	6	31	157	0	0	0	0	.92		.42	24	.0	0		3	0	0
LEESVILLE		83.3	59.0	71.2	4.2	92	30	38	6	15	204	1	0	0	0	1.21	- 4.08	.82	24	.0	0		3	1	0
MANY		82.3	57.6M	70.0M		89	30	35	6	21	175	0	0	0	0	.65		.31	24	.0	0		2	0	0
NATCHITOCHES		80.2	59.6	69.9	2.4	88	30	42	6	19	174	0	0	0	0	.64	- 4.45	.27	24	.0	0		2	0	0
ROSEPEX EXP STATION		81.1	59.9	70.5		89	30	45	6+	14	187	0	0	0	0	1.62		1.10	24	.0	0		3	1	1
DIVISION				69.9	3.1											1.12	- 4.08			.0					
CENTRAL 05																									
ALEXANDRIA		81.6	61.0	71.3		90	30	41	6	9	205	1	0	0	0	.86		.81	24	.0	0		1	1	0
BELAH FIRE TOWER		82.9	60.5	71.7		90	30	43	6	5	215	1	0	0	0	1.12		.51	19	.0	0		3	1	0
BOYCE 3 NNW		82.4M	58.7M	70.6M		91	29	46	2	1	193	1	0	0	0	1.32		.65	30	.0	0		2	2	0
BUNKIE		83.1	61.4	72.3	4.8	90	22	47	6	5	230	1	0	0	0	2.08	- 3.51	1.61	24	.0	0		3	1	1
GRAND COTEAU		83.4	62.3	72.9		91	30	44	6	7	251	1	0	0	0	1.13	- 3.60	.88	23	.0	0		3	1	0
JONESVILLE LOCKS		82.7	60.3	71.5		89	30+	48	6	6	207	0	0	0	0	1.35		.78	24	.0	0		2	1	0
LSU OGAN LEE EXP STN		81.7	58.5	70.1		89	30	41	2	14	174	0	0	0	0	2.63		2.39	24	.0	0		2	1	1
MAMOU 4 S		84.6	65.7	75.2		90	30+	52	6	0	311	4	0	0	0	1.89		1.03	23	.0	0		4	1	1
MELVILLE		82.4	60.7	71.6	3.3	89	22	42	6	8	213	0	0	0	0	.92	- 3.99	.48	24	.0	0		3	0	0
NEW ROADS 5 ESE		82.9	61.2	72.1		88	21+	41	6	9	228	0	0	0	0	1.60		.82	24	.0	0		3	2	0
OLD RIVER LOCK		82.1	60.2	71.2		88	30	50	6	6	.97	0	0	0	0	2.75		.68	22	.0	0		5	3	0
OLLA 3 SSW		82.7	55.9	69.3		88	30	38	6	20	156	0	0	0	0	.74		.38	19	.0	0		2	0	0
WOODWORTH 2 SE		83.8	61.4	72.6		89	21+	47	6	1	237	0	0	0	0	1.83	- 3.65	1.65	24	.0	0		1	1	1
DIVISION				71.7	4.0											1.56	- 3.69			.0					
EAST CENTRAL 06																									
AMITE		83.4M	59.5	71.5M	3.8	89	16	44	6	2	220	0	0	0	0	1.00		.75	24	.0	0		2	1	0
BATON ROUGE WSO AP		82.1	61.8	72.0	3.6	88	30	44	6	10	227	0	0	0	0	3.09	- 2.01	1.05	23	.0	0		3	1	0
BOGALUSA		82.4				89	23+	43	6			0	0	0	0	1.44	- 3.53	.93	24	.0	0		3	1	0
CLINTON 5 SE		81.2	59.9	70.6	3.1	86	22	41	6	13	187	0	0	0	0	.98	- 3.90	.61	24	.0	0		3	1	0
COVINGTON 4 NNW		82.3	59.3	70.8	2.8	90	30	41	6	11	195	1	0	0	0	1.26	- 3.57	.73	23	.0	0		4	1	0
FRANKLINTON 3 SW		82.8	58.7	70.8		90	30	42	6	18	200	1	0	0	0	.70		.48	23	.0	0		2	0	0
HAMMONO 5 E		81.3	59.1	70.2		87	30	41	6	14	178	0	0	0	0	1.06		.81	24	.0	0		2	1	0
HAMMONO 3 NW		82.2	59.8	71.0	2.8	88	21	42	6	13	203	0	0	0	0	.83	- 4.05	.53	24	.0	0		2	1	0
LSU BEN-HUR EXP STN		83.3	59.8	71.6		88	21+	40	6	10	213	0	0	0	0	1.04		.77	24	.0	0		2	1	0
SLOELL WSO		82.2	62.8	72.5		90	16	45	6	7	240	1	0	0	0	.81		.48	24	.0	0		2	0	0
DIVISION				71.2	3.5											1.22	- 3.73			.0					
SOUTHWEST 07																									
CROWLEY EXP STATION		82.8	62.2	72.5		90	30+	44	6	6	236	2	0	0	0	.38	- 4.52	.36	24	.0	0		1	0	0
OE QUINCY 4 N		82.0	58.5	70.3		88	30+	40	6	15	181	0	0	0	0	2.13	- 3.05	2.00	24	.0	0		1	1	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
APRIL 1981

STATION		TEMPERATURE													PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS				
										MAX.	MIN.	NO. OF INCHES OR MORE	NO. OF INCHES OR MORE				TOTAL	MAX. DEPTH ON GROUND DATE	1.0 OR MORE DATE	.50 OR MORE DATE	1.00 OR MORE DATE			
OE RIDGER		81.1	60.7	70.9		88 30	41 6	16	201	0	0	0	0	1.59		1.01 24	.0	0	3	1	1			
ELIZABETH		82.1	61.7	71.9	4.4	88 30	45 6	6	220	0	0	0	0	2.18	- 3.38	1.54 24	.0	0	4	1	1			
HACKBERRY 8 SSW		78.8	65.6	72.2	2.6	84 30	53 6	0	221	0	0	0	0	.71	- 3.07	.64 24	.0	0	1	1	0			
JENNINGS		82.9	61.2	72.1	2.9	89 30+	46 6	7	226	0	0	0	0	.56	- 4.89	.47 24	.0	0	1	0	0			
LAKE CHARLES WSO AP		80.8	62.3	71.6	2.7	90 30	48 6	5	211	1	0	0	0	1.26	- 3.07	1.09 23	.0	0	1	1	1			
OBERLIN FIRE TOWER		82.4	61.7	72.1		89 21	44 6	5	225	0	0	0	0	2.32		1.50 24	.0	0	4	2	1			
ROCKEFELLER WL REFUGE		81.2	63.9	72.6		84 29+	49 6	2	237	0	0	0	0	.44		.40 24	.0	0	1	0	0			
VERMILION LOCK		79.8	64.2	72.0				0	219	0	0	0	0	.69		.47 24	.0	0	2	0	0			
DIVISION				71.8	3.4									1.23	- 3.34		.0							
SOUTH CENTRAL 08																								
CARVILLE 2 SW		82.5	60.9	71.7	3.4	89 30	45 6	4	210	0	0	0	0	.76	- 3.65	.50 24	.0	0	3	1	0			
FRANKLIN 3 NW		82.4	62.6	72.5	3.5	89 15	45 6	3	235	0	0	0	0	2.56	- 1.26	1.49 30	.0	0	2	2	2			
JEANERETTE EXP STN		81.8	62.4	72.1		87 30+	47 6	4	225	0	0	0	0	.62	- 3.33	.58 24	.0	0	1	1	0			
LAFAYETTE FAA AP		82.1	62.1	72.1	3.3	87 30+	47 6	6	227	0	0	0	0	.97	- 3.72	.89 23	.0	0	1	1	0			
MORGAN CITY		81.8	60.9	71.4	1.5	87 22	48 6	3	201	0	0	0	0	.32	- 4.11	.25 24	.0	0	1	0	0			
NEW IBERIA 5 NW		82.9	62.5	72.7		90 21	49 6	3	240	1	0	0	0	1.25		.90 24	.0	0	2	1	0			
DIVISION				72.1	3.1									1.08	- 3.25		.0							
SOUTHEAST 09																								
BOOTHVILLE WSCMO CI		79.0	64.5	71.8		85 30+	51 7	5	215	0	0	0	0	.60		.27 30	.0	0	3	0	0			
DELTA-BRETON WL REF		77.3	65.5	71.4		82 29	54 7	3	203	0	0	0	0	.39		.22 5	.0	0	2	0	0			
ODONALSONVILLE		81.1	63.6	72.4	2.5	86 21	49 6	6	233	0	0	0	0	1.45		.75 18	.0	0	3	2	0			
GALLIANO		82.3	64.6	73.5		88 30+	49 6	3	264	0	0	0	0	.26		.25 5	.0	0	1	0	0			
HOUMA		81.8	63.6	72.7	2.9	88 22	47 6	6	246	0	0	0	0	.26	- 4.09	.12 24	.0	0	2	0	0			
LOUISIANA NATURE CTR		82.4	63.0	72.7		87 21+	49 7	3	241	0	0	0	0	.82		.39 5	.0	0	2	0	0			
NEW ORLEANS WSCMO AP		81.5	61.2	71.4	2.8	88 30	44 6	12	210	0	0	0	0	2.28	- 1.87	1.44 30	.0	0	2	1	1			
N O ADON WSO CI		83.0	67.2	75.1	5.6	88 30+	52 6	0	310	0	0	0	0	3.67	- 1.09	2.33 16	.0	0	3	2	2			
PARADIS 7 S		81.7	62.2	72.0		91 30	43 7	11	227	1	0	0	0	.62	- 3.66	.37 24	.0	0	3	0	0			
PLAQUEMINES EXP STA		81.8	63.0	72.4		89 30	48 7	6	235	0	0	0	0	.20		.10 5	.0	0	1	0	0			
RESERVE		82.0	61.7	71.9	3.4	87 30	47 6	2	220	0	0	0	0	.47	- 3.76	.27 24	.0	0	2	0	0			
SAINT BERNARD		82.8	61.6	72.2		89 30+	46 7	10	233	0	0	0	0	.94		.85 17	.0	0	1	1	0			
THIBODAUX		84.7	63.8	74.3	5.3	90 22+	47 6	4	290	2	0	0	0	.60	- 4.13	.38 5	.0	0	2	0	0			
DIVISION				72.6	3.3									.97	- 3.19		.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
APRIL 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

LOUISIANA
APRIL 1981

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KENTWOOD	.67	.15			.31				.02																							.01
LIVERPOOL 3 ENE	.62	.10			.27																											
LIVINGSTON	1.17	.10			.13																											
LSU BEN-HUR EXP STN	1.04	.04			.15									.05																		
OKAHLIA	1.72	.08			.04																											
PEARL RIVER LOCK 1	1.58	.03			.17																											
PINE GROVE FIRE TOWER	.65	.08			.11																											
SAINT FRANCISVILLE	.88	.04	T		.02																											
SHERIDAN FIRE TOWER	.66	.05			.28																											
SLIOELL WSFO	.81	T	.06		.27																											
SPRINGVILLE FIRE TOWER	1.98				.18																											
WATSON 3 ENE	1.62	.12	T		.18																											
ZACHARY 2 ESE	1.63	.04			.02																											
SOUTHWEST 07																																
ABBEVILLE	.87	.02		.05	T																											
CROWLEY EXP STATION	.38	.02																														
DE QUINCY 4 N	2.13			.04	.05																											
DE RIDDER	1.59			.04	.11																											
ELIZABETH	2.18			.01	.02																											
HACKBERRY 8 SSW	.71				.03																											
JENNINGS	.56	.01		.03	.05																											
KINDER 3 W	2.30			T	.20																											
LAKE CHARLES 2 N	1.24																															
LAKE CHARLES WSO AP	1.26	T	.02	T	.07																											
LONGVILLE	1.93			.02	.08																											
MENTHAU	.83	.04		T	T																											
MITTIE 2 SE	1.57			.04	.03																											
OKDALE	2.08			.03	T																											
OVERLIN FIRE TOWER	2.32		.02	.10	.10																											
ROCKEFELLER WL REFUGE	.44			.02																												
SUGARTOWN	1.80		T	.06	.41																											
SULPHUR	2.23	T		T	.10																											
VERMILION LOCK	.69	T	.16	.06																												
VINTON	3.67	T		.02	.12																											
SOUTH CENTRAL 08																																
BAYOU SORREL LOCK	1.10	.03		.29	.08																											
BUTTE LA ROSE	.81	.03			T																											
CARVILLE 2 SW	.76				.13																											
FRANKLIN 3 NW	2.56	.01	.02		.01	.13																										
JEANERETTE EXP STN	.62	.01																														
LAFAYETTE FAA AP	.97	T	.01	T	.03																											
MORGAN CITY	.32	.03	.01	T	.03																											
NEW IBERIA 5 NW	1.25	.30																														
PLAQUEMINE 2 N	1.43	.03			.10																											
SOUTHEAST 09																																
BOOTHVILLE WSCMO C1	.60				.16																											
DELTA-BRETON WL REF	.39				.22																											
DONALDSONVILLE	1.45	T		T	.10																											
GALLIANO	.26				.25																											
GONZALES	2.28	.10			.10																											
HOUMA	.26	.04			.10																											
LOUISIANA NATURE CTR	.82	.02			.39	.01																										
NEW ORLEANS WSCMO AP	2.28	.06		.04	.07																											
N O ADDON WSFO C1	3.67	.01		.01	.06																											
NEW ORLEANS ALGIERS	1.36	.01			.06				.01																							
NEW ORLEANS O P S 14	.21				.07																											
NEW ORLEANS WATER PLT	1.96	.01			.15																											
NEW ORLEANS CITY HALL	3.15	.01			.10																											
NEW ORLEANS O P S 5	.63				.12																											
NEW ORLEANS O P S 3	1.57				.17																											
NEW ORLEANS O P S 6	1.47	.03			.18																											
PARADIS 7 S	.62	.03			.18																											
PLAQUEMINES EXP STA	.20				.10																											
RESERVE	.47	.05			.15																											
SAINT BERNARD	.94																															
THIBODAUX	.60	.04			.38																											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

LOUISIANA
APRIL 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
COTTON VALLEY	MAX MIN	81 44	85 41	86 44	85 64	80 42	73 38	76 43	77 56	72 61	80 63	83 63	80 64	80 66	83 62	85 64	78 56	83 59	84 63	83 63	82 66	83 60	81 60	79 65	70 46	82 51	82 51	85 56	86 59	83 63	88 65	81.2 56.3	
LOGANSFORT 4 ENE	MAX MIN	87 46	85 40	87 51	84 64	79 41	78 36	78 49	78 61	84 67	86 62	84 61	84 64	86 66	86 61	85 55	87 57	88 65	87 64	87 64	86 69	85 64	84 68	74 63	85 50	84 54	85 51	87 57	86 65	87 66	87 66	84.3 58.2	
MINDEN	MAX MIN	78 49	86 45	87 52	86 69	81 42	75 43	74 49	77 59	74 64	85 62	84 63	80 63	81 67	84 65	85 56	79 56	83 60	85 66	84 66	82 66	83 61	82 66	80 69	69 53	81 56	81 53	84 54	86 62	84 66	87 67	81.6 58.9	
PLAIN DEALING	MAX MIN	81 41	64 41	85 42	83 61	78 41	73 38	74 55	71 61	79 62	84 61	81 61	80 60	83 61	85 55	78 55	81 51	86 59	84 60	81 65	85 59	77 59	79 64	70 47	82 47	80 50	83 52	85 56	85 62	89 63	80.0 54.2		
RED RIV VALLEY EXP STA	MAX MIN	74 49	82 44	83 49	85 65	82 43	75 39	74 45	77 56	74 60	82 62	86 61	83 61	83 64	85 62	85 53	80 57	84 60	87 64	84 62	84 66	85 61	82 62	81 64	70 49	81 53	79 53	83 54	85 60	85 64	87 65	81.6 56.9	
SHREVEPORT WSO AP	MAX MIN	85 45	86 44	85 68	81 54	75 44	76 42	76 53	74 61	83 64	85 61	83 63	80 65	80 66	84 61	84 58	79 58	85 64	82 64	83 64	84 65	79 63	79 66	70 54	81 48	81 59	84 52	85 57	82 64	85 65	82 65	81.4 58.6	
NORTH CENTRAL 02																																	
BIENVILLE 3 NE	MAX MIN	85 52	87 43	86 65	77 58	72 45	77 38	78 54	76 57	85 66	86 62	82 63	86 63	87 62	87 64	82 56	84 57	88 63	87 62	83 65	79 69	83 61	79 60	66 55	82 49	84 54	86 51	89 57	85 63	87 67	81 64	82.5 58.2	
CALHOUN EXP STATION	MAX MIN	82 52	82 40	85 54	85 70	73 41	74 38	75 53	78 58	75 64	85 62	85 60	81 64	85 62	85 58	86 55	80 63	85 63	87 61	85 65	83 67	81 60	82 63	74 64	67 49	81 52	83 50	85 53	88 60	86 66	89 64	81.9 57.5	
HOMER EXP STATION	MAX MIN	79 47	84 49	85 49	85 57	79 43	73 39	75 42	77 55	75 61	81 61	83 61	80 64	81 63	83 61	84 53	77 60	82 65	85 63	84 63	81 61	81 59	81 59	80 63	69 48	81 55	81 55	85 59	82 62	84 65	87 65	80.8 55.9	
MONROE FAA AP	MAX MIN	78 55	80 45	84 67	75 62	72 48	72 44	76 55	76 60	85 68	89 66	83 64	85 65	86 63	88 62	79 59	85 65	90 68	87 64	82 67	82 68	82 62	72 69	81 56	81 55	88 54	90 59	89 63	91 71	83 68	82.4 60.4		
MONROE NLU	MAX MIN	82 53	79 43	81 61	85 56	75 41	73 40	73 49	76 59	75 62	84 64	84 62	82 64	85 61	84 61	87 57	78 56	84 64	88 63	85 66	84 67	82 60	80 61	67 49	81 52	83 51	85 56	87 56	87 65	87 64	81.5 57.5		
RUSTON-LA TECH UNIV	MAX MIN	81 51	84 44	84 63	85 68	76 45	74 41	76 53	76 56	74 63	82 61	84 62	80 62	84 60	83 60	85 55	80 54	84 64	87 62	85 64	82 68	82 60	79 57	67 47	82 54	81 52	84 56	85 60	85 64	88 64	81.4 57.8		
WINNFELD 2 W	MAX MIN	85 53	86 40	86 63	77 64	76 43	77 38	78 50	76 56	85 66	86 62	84 63	85 64	85 61	85 62	80 56	84 56	87 60	84 62	85 62	80 66	85 61	80 67	72 63	82 48	82 49	85 49	87 54	84 61	89 67	87 63	82.8 57.6	
NORTHEAST 03																																	
BASTROP	MAX MIN	83 54	85 45	87 65	79 62	77 47	75 41	76 55	71 66	84 66	86 65	83 64	85 65	82 65	88 63	88 52	84 55	78 65	81 70	87 65	85 64	83 59	83 67	75 62	83 54	85 55	87 56	90 63	90 65	89 72	89 65	83.3 60.4	
EPSS 6 WNW	MAX MIN	80 55	81 46	83 62	85 62	77 47	72 44	77 52	76 58	78 65	84 63	86 62	83 65	85 62	85 64	88 58	88 59	86 64	88 65	88 64	85 64	84 60	84 61	68 51	84 53	86 56	86 61	89 62	88 68	89 64	83.2 59.3		
LAKE PROVIDENCE	MAX MIN	82 54	82 48	83 64	86 61	78 47	76 44	73 55	76 60	78 64	84 66	85 62	84 64	86 63	85 62	87 56	79 60	85 62	82 62	86 63	87 63	82 58	82 66	69 46	82 53	82 57	85 53	87 53	86 63	90 64	82.4 59.0		
SAINT JOSEPH EXP STA	MAX MIN	80 59	80 45	82 66	84 68	82 49	71 43	74 55	74 61	75 65	83 64	84 64	81 67	84 63	84 63	85 61	82 63	85 67	85 66	86 67	86 68	87 66	83 66	78 65	76 50	79 55	82 58	85 59	83 67	89 67	81.6 61.2		
TALLULAH	MAX MIN	81 56	81 43	84 57	86 66	82 49	73 42	74 51	76 59	76 61	84 61	85 62	86 64	85 62	87 62	87 58	82 59	86 61	86 65	86 63	86 64	88 62	83 63	74 48	82 50	83 53	85 54	87 59	87 64	89 62	82.9 58.1		
WINNSBORO	MAX MIN	80 55	82 43	83 69	86 69	79 47	75 42	75 49	75 55	77 62	85 61	85 63	83 65	86 64	85 66	88 56	82 57	85 67	89 65	88 68	86 61	88 65	80 63	75 49	82 50	83 52	86 53	88 58	86 66	92 64	83.4 58.7		
WEST CENTRAL 04																																	
ASHLAND	MAX MIN	76 49	83 40	85 60	86 60	77 48	86 35	75 49	76 56	74 65	84 60	83 63	80 61	83 62	84 59	84 55	79 55	83 62	85 61	84 61	81 69	83 62	85 62	78 47	65 50	80 49	82 48	84 54	86 60	85 62	87 65	81.4 56.3	
CONVERSE	MAX MIN	73 49	83 40	84 44	85 68	84 42	76 37	77 41	75 50	75 63	82 61	83 61	81 65	83 63	84 59	85 55	81 58	86 63	88 63	85 64	80 69	80 65	82 62	76 50	82 53	81 51	84 55	86 56	81 66	88 64	81.4 56.5		
LEESVILLE	MAX MIN	74 56	88 42	79 63	84 68	76 44	77 38	79 46	77 57	76 65	87 60	85 65	81 63	86 62	86 60	88 56	86 58	85 63	87 65	86 68	87 65	85 65	88 67	79 63	75 53	84 55	84 53	86 55	89 61	83 69	92 66	83.3 59.0	
MANY	MAX MIN	78 50	84 40	84 54	8																												

DAILY TEMPERATURES

LOUISIANA
APRIL 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GRAND COTEAU	MAX MIN	78 67	79 57	81 68	80 70	75 51	77 44	77 51	79 62	85 68	84 58	84 64	85 65	86 63	85 60	85 61	85 60	86 65	86 65	86 65	88 65	89 67	85 65	82 64	79 62	78 62	86 59	87 58	86 65	88 70	91 68	83.4 62.3	
JONESVILLE LOCKS	MAX MIN	77 51	80 51	82 56	85 65	80 52	75 48	76 49	77 52	77 62	86 64	84 63	82 65	86 63	86 63	85 59	85 61	86 66	86 66	86 66	88 68	88 64	89 65	79 67	76 67	80 58	79 64	80 60	85 62	82 66	89 68	82.7 60.3	
LSU DEAN LEE EXP STN	MAX MIN	77 59	82 41	80 58	82 60	80 45	75 42	75 50	76 51	75 66	85 59	83 51	79 51	84 62	84 60	85 59	83 60	85 64	85 65	85 62	87 67	85 65	88 66	80 66	76 56	80 78	78 55	83 59	85 65	81 68	89 68	81.7 58.5	
MAMOU 4 S	MAX MIN	83 70	83 61	82 70	81 70	75 57	80 52	78 57	79 64	86 69	87 65	87 68	85 67	86 64	86 65	87 63	87 65	85 66	88 68	88 68	85 68	90 69	90 67	85 69	79 66	81 67	78 65	86 56	84 59	89 72	90 70	84.6 65.7	
MELVILLE	MAX MIN	86 66	78 52	78 60	83 69	78 53	73 42	76 52	76 55	84 65	85 62	85 60	84 65	85 63	85 61	85 55	85 60	85 60	86 61	85 65	85 66	86 69	89 66	80 68	79 60	77 61	78 56	86 56	84 59	86 65	86 70	82.4 60.7	
NEW ROADS 5 ESE	MAX MIN	83 64	78 52	76 63	85 67	84 55	75 41	75 50	76 55	82 64	84 59	84 63	85 65	87 65	86 61	85 61	88 62	87 65	88 66	85 66	85 62	88 67	86 63	81 67	78 61	76 58	83 56	85 62	85 65	81 67	87 66	82.9 61.2	
OLD RIVER LOCK	MAX MIN	79 66	81 52	80 53	85 68	84 56	72 50	75 51	76 57	79 63	84 62	81 62	83 64	83 61	85 61	81 61	86 61	85 63	83 63	86 62	84 64	86 64	87 65	86 59	80 58	78 55	78 55	83 55	84 57	80 63	88 66	82.1 60.2	
OLLA 3 SSW	MAX MIN	80 53	83 40	85 53	86 64	78 43	75 38	75 48	78 55	85 62	85 61	85 60	83 61	87 59	85 59	87 58	81 50	84 60	87 59	85 61	85 62	82 61	85 62	79 62	74 51	81 49	82 50	85 54	85 57	87 62	88 62	82.7 55.9	
WOODWORTH 2 SE	MAX MIN	80 62	82 49	80 62	84 69	80 60	80 47	78 51	79 53	78 62	85 65	84 66	86 55	87 58	87 63	88 59	88 61	87 67	89 68	86 65	88 68	89 66	86 69	80 65	75 57	81 58	85 56	84 54	86 65	84 71	88 70	83.8 61.4	
EAST CENTRAL 06																																	
AMITE	MAX MIN	79 63	77 50	80 53	82 68	84 57	44	46	76 52	78 63	85 59	83 60	82 63	84 65	87 62	86 61	89 61	85 62	87 66	87 65	86 64	87 67	88 66	82 66	82 59	79 58	79 56	85 53	87 53	83 61	87 67	83.4 59.5	
BATON ROUGE WSO AP	MAX MIN	76 57	78 53	85 68	84 70	74 50	44	76 50	82 62	83 66	82 59	84 63	85 66	86 63	83 61	85 60	85 62	85 69	83 65	84 67	85 66	84 69	82 68	81 64	77 61	76 58	82 56	84 56	82 62	86 69	88 66	82.1 61.8	
BOGALUSA	MAX MIN	79 61	76 46	82 51	80 62	84 57	73 43	76 45	75 75	82 45	81 57	80 64	80 65	84 58	88 60	85 61	88 67	83 66	85 66	87 67	87 65	89 67	85 66	89 66	85 66	79 55	85 53	78 53	85 57	86 59	86 66	82.4	
CLINTON 5 SE	MAX MIN	79 62	77 50	78 63	83 67	82 55	73	75 46	74 55	80 64	82 46	81 55	82 66	84 64	85 66	84 66	85 65	84 66	84 66	85 65	84 65	85 64	86 65	79 57	79 56	78 55	76 52	84 52	81 58	85 61	85 68	81.2 59.9	
COVINGTON 4 NNW	MAX MIN	77 67	80 49	82 67	82 68	77 56	76	75 45	76 59	83 66	81 57	80 64	83 65	84 57	85 60	87 61	83 59	85 61	85 66	86 63	87 59	86 63	82 63	81 60	79 60	77 56	83 54	84 51	87 56	87 66	90 64	82.3 59.3	
FRANKLINTON 3 SW	MAX MIN	77 51	82 47	83 65	84 65	73 47	75	74 44	76 57	85 65	85 58	81 62	81 65	86 62	84 58	87 61	81 62	86 58	87 62	85 67	87 62	88 65	83 61	86 65	78 57	76 54	85 51	88 51	85 56	87 67	90 65	82.8 58.7	
HAMMOND 5 E	MAX MIN	79 66	75 51	80 47	82 65	83 47	75	74 44	77 57	82 65	80 57	81 64	80 65	82 62	84 58	85 60	86 62	82 62	83 65	85 62	86 63	87 65	85 62	86 63	84 62	83 58	82 54	83 52	84 55	87 56	87 67	81.3 59.1	
HAMMOND 3 NW	MAX MIN	80 67	75 50	79 66	82 67	86 54	75	76 46	78 62	80 66	82 46	81 65	81 65	85 62	87 58	84 60	87 63	83 63	85 60	87 64	86 61	88 64	87 64	86 64	88 57	85 54	82 51	83 51	77 57	85 66	87 66	82.2 59.8	
LSU BEN-HUR EXP STN	MAX MIN	83 67	78 54	78 64	85 56	84 58	76	77 48	78 56	85 65	85 54	83 62	82 62	86 58	84 57	85 56	88 59	87 67	87 62	88 63	88 60	86 68	85 64	88 67	82 63	78 60	77 56	83 55	85 61	86 63	87 70	83.3 59.8	
SLIDELL WSO	MAX MIN	78 69	76 56	80 65	81 72	82 61	76	77 47	75 60	78 65	83 47	82 53	81 65	83 64	86 60	87 58	90 64	83 69	86 64	85 70	85 69	86 69	85 68	85 69	83 69	80 62	77 58	82 55	84 55	84 66	86 72	82.2 62.8	
SOUTHWEST 07																																	
CROWLEY EXP STATION	MAX MIN	84 65	77 59	75 65	80 68	77 53	74	78 52	74 56	80 67	85 59	85 63	82 63	85 60	86 61	86 62	85 60	85 65	85 67	87 66	85 65	88 68	90 66	82 68	84 62	79 62	76 59	85 61	88 64	86 67	90 69	82.8 62.2	
DE QUINCY 4 N	MAX MIN	78 62	83 50	73 62	80 68	80 45	76	77 43	76 52	77 59	85 43	85 61	81 63	86 59	86 60	85 67	84 58	88 60	86 67	83 62	84 64	88 68	86 58	83 62	85 58	87 56	82 55	80 55	78 55	81 65	88 65	82.0 58.5	
DE RIDDER	MAX MIN	74 60	85 60	83 68	82 68	77 46	75	76 49	74 52	82 64	83 64	82 66	82 65	85 64	84 63	84 59	82 61	84 65	85 67	85 62	84 66	83 68	85 66	80 65	71 56	79 58	78 56	82 56	85 67	80 69	88 69	81.1 60.7	
ELIZABETH	MAX MIN	77 63	82 47	79 62	83 67	80 47	76	77 51	75 59	80 65	85 63	83 68	82 66	85 65	86 62	85 59	84 60	87 67	85 68	86 66	87 67	87 66	84 68	81 67	79 61	79 58	85 57	86 64	81 66	88 69	82.1 61.7		
HACKBERRY 8 SSW	MAX MIN	73 65	76 63	71 65	77 67	77 56	73	74 67	72 67	82 67	77 67	82 68	79 68	80 68	80 64	81 65	82 70	81 71	80 71	80 66	82 66	83 71	79 62	78 62	77 62	81 60	81 57	81 67	81 70	84 69	84 66	78.8 65.6	
JENNINGS	MAX MIN	83 61	77 59	75 64	80 65	80 50	74	76 50	76 46	81 61	85 61	84 63	84 63	87 62	86 61	85 59	87 62	84 63	87 64	87 66	86 65	88 65	89 65	81 69	82 63	78 61	79 59	85 61	85 62	86 68	89 68	82.9 61.2	
LAKE CHARLES WSO AP	MAX MIN	77 60	71 59	79 67	77 61	77 50	48	74 53	78 59	83 67	83 60	83 66	82 66	84 62	83 61	84 61	82 61	85 66	85 66	82 67	82 68	85 67	85 68	80 68	79 62	78 61	81 60	82 62	82 65	87 66	90 68	80.8 62.3	
OBERLIN FIRE TOWER	MAX MIN	82 64	80 55	75 66	81 68	80 49	77	77 51	77 58	77 67	85 64	85 64	82 63	85 62	85 60	85 61	83 62	84 65	85 65	87 63	85 66	87 65	88 66	82 68	80 68	79 57	80 58	85 59	85 66	83 68	88 68	82.4 61.7	
ROCKEFELLER WL REFUGE	MAX MIN	80 67	76 63	73 63	79 67	78 54	49	78 54	78 60	79 67	82 58	81 62	82 66	82 65	83 61	85 63	87 62	82 67	83 68														

DAILY TEMPERATURES

LOUISIANA
APRIL 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MORGAN CITY	MAX MIN	80 65	78 63	78 65	81 68	82 61	77 48	77 50	75 55	78 64	85 59	84 62	85 64	83 61	84 60	85 59	86 59	86 62	85 63	85 65	84 63	84 63	87 65	74 68	80 62	78 58	76 55	83 57	84 59	85 61	85 64	81.8 60.9	
NEW IBERIA 5 NW	MAX MIN	85 65	76 61	78 66	78 68	80 56	76 49	77 51	75 58	81 67	85 58	83 61	84 64	85 60	84 65	85 62	87 62	86 65	85 66	88 67	86 64	90 66	89 65	81 68	82 64	78 62	77 59	85 61	86 60	87 65	89 69	82.9 62.5	
SOUTHEAST	09																																
BOOTHVILLE WSCMO CI	MAX MIN	76 69	76 64	80 66	80 71	74 62	70 55	72 51	76 60	77 62	75 60	79 65	81 66	80 62	78 62	83 60	79 64	80 66	80 66	81 66	81 68	84 66	84 66	81 67	77 65	75 62	77 64	79 66	85 66	84 66	85 72	79.0 64.5	
DELTA-BRETON WL REF	MAX MIN	75 64	74 64	75 65	77 65	76 62	74 58	70 54	73 62	75 64	78 64	76 65	78 66	79 66	79 64	78 65	80 67	81 68	80 67	79 69	80 69	77 69	81 68	80 70	79 69	76 65	75 66	77 66	79 67	82 70	78 71	77.3 65.5	
DONALDSONVILLE	MAX MIN	82 65	73 60	76 61	82 69	82 62	75 49	73 50	75 57	80 65	83 61	82 62	82 65	84 66	85 65	82 62	85 63	85 64	85 65	80 69	84 69	86 70	84 71	80 70	80 64	79 63	76 60	80 61	83 64	85 66	85 69	81.1 63.6	
GALLIANO	MAX MIN	84 71	79 67	79 67	88 71	84 64	78 49	75 51	75 62	79 65	82 60	79 64	81 68	85 64	83 62	83 60	84 64	82 68	83 67	86 69	84 66	86 68	88 66	85 70	81 68	79 62	77 59	82 62	84 65	86 67	88 71	82.3 64.6	
HOUMA	MAX MIN	81 70	76 67	78 68	82 71	83 61	76 47	75 49	75 62	78 68	84 61	80 67	83 67	83 67	84 63	84 57	85 59	85 69	86 65	85 68	86 65	86 65	88 65	83 67	81 65	77 60	76 57	81 60	83 64	86 66	87 69	81.8 63.6	
LOUISIANA NATURE CTR	MAX MIN	80 70	76 60	80 65	82 65	83 64	79 50	75 49	77 58	79 63	83 61	82 63	82 65	86 64	85 63	85 60	87 65	83 67	85 65	85 68	87 65	87 66	84 65	85 67	84 65	79 62	78 59	82 58	85 61	83 66	86 70	82.4 63.0	
NEW ORLEANS WSCMO AP	MAX MIN	74 60	78 66	81 66	82 74	74 52	74 44	75 46	79 63	81 65	80 58	82 64	83 68	83 61	82 60	86 58	84 62	85 63	84 63	84 68	86 61	84 64	84 65	82 64	78 61	78 54	81 54	82 54	87 60	85 66	88 69	81.5 61.2	
N O AOBON WSFO CI	MAX MIN	78 66	81 66	83 70	84 74	76 60	77 52	77 56	80 66	85 69	83 65	83 67	87 72	82 68	83 66	87 63	83 68	84 71	85 70	84 74	86 69	86 70	84 72	83 71	80 68	80 67	83 63	85 65	88 69	86 71	88 68	83.0 67.2	
PARADIS 7 S	MAX MIN	79 69	78 63	81 65	81 68	79 60	75 45	74 43	78 56	82 66	81 58	80 61	83 61	84 61	84 58	84 59	84 69	82 70	82 63	82 63	86 69	86 64	86 68	83 65	81 65	79 64	78 60	80 55	83 58	87 62	91 65	81.7 62.2	
PLAQUEMINES EXP STA	MAX MIN	79 56	79 64	82 65	82 72	75 62	73 50	75 48	78 62	83 63	79 60	80 63	84 63	81 63	82 62	84 60	83 65	82 62	82 63	85 68	87 65	87 66	86 65	82 71	79 62	80 62	80 62	81 61	87 65	88 68	89 71	81.8 63.0	
RESERVE	MAX MIN	80 67	74 60	79 65	78 78	78 82	82 47	75 50	76 56	79 65	85 58	83 64	83 63	83 63	85 62	82 59	84 63	85 64	85 64	86 64	85 68	86 68	86 63	86 63	82 63	80 64	81 63	80 56	82 58	85 60	87 65	82.0 61.7	
SAINT BERNARD	MAX MIN	79 67	81 60	81 59	84 57	79 55	73 47	74 46	76 62	82 64	80 57	80 62	84 65	85 62	84 62	87 58	82 62	84 68	84 65	86 71	89 66	88 64	87 67	85 68	81 64	80 60	84 57	82 57	85 61	89 68	89 66	82.8 61.6	
THIBODAUX	MAX MIN	82 62	80 63	82 66	83 70	84 60	76 47	78 50	77 55	84 65	88 59	84 61	85 67	87 67	88 61	86 65	90 58	86 69	87 69	87 70	86 72	89 70	90 71	87 70	82 65	83 62	81 60	86 59	87 65	89 67	88 68	84.7 63.8	

DAILY SOIL TEMPERATURES

LOUISIANA
APRIL 1981

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALHOUN EXP STATION	(1 IN)	4 MAX MIN	73 58	77 58	78 58	80 68	71 59	73 57	78 57	77 62	72 65	77 67	81 67	77 68	80 69	83 69	84 68	82 69	78 68	83 70	81 71	79 72	79 70	85 70	77 71	71 62	78 62	78 64	86 65	87 69	86 71	89 75	79.4 66.0	
CLINTON S SE	(1 IN)	4 MAX MIN	71 63	70 51	67 61	71 65	72 64	71 59	73 58	73 60	73 65	80 67	80 68	79 69	81 71	84 71	84 71	85 71	82 72	84 73	84 75	84 73	85 73	86 74	78 72	76 68	75 67	72 65	81 61	84 66	80 70	82 73	78.2 67.2	
CROWLEY EXP STATION	(1 IN)	4 MAX MIN	81 62	76 65	72 65	86 69	79 59	83 56	85 58	80 64	79 65	89 69	91 69	91 69	91 67	95 69	93 72	91 69	95 71	95 71	94 71	93 71	100 72	100 73	86 75	83 70	85 65	79 64	100 64	100 68	94 73	101 74	88.9 67.6	
HAMMONO S E	(1 IN)	4 MAX MIN	74 63	72 59	71 58	75 67	80 62	77 55	80 54	75 59	73 64	81 65	82 65	78 67	82 68	86 68	88 66	90 69	88 71	90 71	91 72	90 72	91 72	89 73	83 72	82 67	80 65	79 60	89 59	92 63	82 67	89 71	82.6 65.5	
HOUMA	(1 IN)	4 MAX MIN	72 66	70 65	72 64	78 68	81 67	80 61	80 60	75 62	74 66	80 68	79 66	78 69	78 70	84 69	81 69	80 69	78 68	82 70	80 71	81 71	82 71	83 71	80 72	77 68	73 67	70 65	79 65	80 68	83 69	80 71	78.3 67.5	
LSU DEAN LEE EXP STA	(1 IN)	4 MAX MIN	70 66	73 66	70 65	74 69	74 68	74 66	74 65	75 67	73 69	78 71	80 72	79 75	82 74	82 77	85 76	84 76	84 76	91 76	85 79	85 78	82 79	89 80	82 80	80 73	79 73	79 72	80 65	83 73	82 76	85 78	79.8 72.7	
RED RIV VALLEY EXP STA	(1 IN)	4 MAX MIN	73 55	81 56	76 56	77 65	75 56	78 55	81 55	80 59	70 62	80 65	83 65	82 65	79 67	86 68	86 66	87 65	86 67	88 68	84 68	81 68	85 69	83 68	81 68	72 60	83 60	79 62	83 62	85 65	83 67	91 70	81.3 63.4	
ROSEPIKE EXP STN	(1 IN)	4 MAX MIN	70 59	76 55	67 56	78 65	71 55	75 53	77 53	77 58	70 62	83 66	87 67	81 68	89 69	88 69	93 69	90 70	85 69	90 70	87 72	88 72	88 72	87 70	76 71	71 62	79 62	76 62	85 62	94 64	82 71	95 72	81.8 64.8	
SAINT JOSEPH EXP STA	(1 IN)	4 MAX MIN	73 61	75 59	77 59	76 63	76 62	73 59	76 59	72 64	71 66	80 68	83 70	80 71	83 72	83 72	87 72	85 72	83 74	85 75	86 75	86 75	89 77	86 76	78 74	78 67	81 67	79 68	86 69	87 70	86 73	87 75	80.9 68.8	
WINNSBORO	(1 IN)	4 MAX MIN	68 58	75 58	71 57	75 65	71 59	74 58	72 57	67 62	67 64	75 67	78 67	76 70	78 74	79 70	82 69	81 68	76 69	81 71	83 72	81 71	82 71	81 70	74 72	72 65	79 63	75 66	80 67	83 69	80 71	87 74	76.8 66.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

LOUISIANA
APRIL 1981

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
RED RIV VALLEY EXP STA	EVAP	.13	.20	.26	.29	.23	.22	.22	.27	.08	.12	.25	.20	.15	.21	.21	.19	.23	.16	.15	.14	.13	.19	.03	.16	.14	.20	.23	.18	.23		5.61	
	WIND	49	18	103	158	71	17	18	74	64	50	68	67	49	43	24	20	43	41	41	48	42	30	45	5	8	10	17	19	34	19		1295
NORTH CENTRAL 02																																	
CALHOUN EXP STATION	EVAP	.14	.25	.26	.16	.26	.15	.22	.23	.08	.12	.21	.14	.15	.23	.30	.23	.12	.21	.17	.15	.17	.16	.06	.06	.17	.14	.23	.26	.21	.29		5.53
	WIND	21	13	35	80	22	27	14	33	27	12	15	16	13	13	44	20	10	11	9	11	16	6	1	17	7	1	3	6	16	18		537
NORTHEAST 03																																	
SAINT JOSEPH EXP STA	EVAP	.10	.22	.27	.23	.16	.24	.21	.21	.08	.16	.25	.20	.23	.19	.30	.24	.23	.23	.25	.24	.24	.22	.08	.04	.16	.14	.24	.29	.23	.22		6.10
	WIND	46	32	58	97	84	50	35	87	52	34	45	46	37	33	66	58	52	48	44	53	67	37	42	33	14	15	26	33	43	35		1402
EAST CENTRAL 06																																	
LSU BEN-HUR EXP STN	EVAP	.12	.18	.06	.21	.18	.28	.17	-	.15	.15	.16	.23	.23	.22	.14	.21	.11	.28	.10	.47	-	.21	.17	.21	.15	.11	.30	.27	.18	.19		5.838
	WIND	-	29	28	72	56	40	9	53	37	18	28	33	13	18	14	27	44	36	41	52	42	25	60	67	28	22	34	28	25	36		10508
	MAX	88	84	82	90	90	83	83	84	84	91	89	91	91	95	91	94	89	94	87	91	94	93	85	83	84	78	91	95	93	94		88.7
	MIN	67	60	60	70	60	51	56	56	67	65	65	64	68	66	64	60	65	67	68	67	71	70	69	64	63	62	62	63	66	71		64.2
SOUTHEAST 09																																	
HOLMA	EVAP	.12	.03	.15	.18	.23	.28	.25	.21	.10	.21	.28	.20	.14	.24	.27	.24	.14	.24	.24	.19	.24	.26	.18	.13	.15	.08	.25	.28	.08	.31		5.90
	WIND	61	38	54	94	100	42	29	74	50	31	43	44	31	31	36	40	48	36	44	35	42	28	41	54	26	22	46	34	25	44		1323

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
APRIL 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE	0007	07	VERMILION		29 58	92 08	10		8A			CITY OF ABBEVILLE
ABITA SPRINGS FIRE TWR	0021	06	ST TAMMANY		30 26	90 03	30		1P			LA DEPT OF NATURAL RES
ALEXANDRIA	0098	05	RAPIDES		31 19	92 28	87	8A	8A		C	ALEXANDRIA POWER PLANT
AMITE	0205	06	TANGIPAHOA		30 43	90 30	180	8A	8A		H	MRS ROBERT S MC CLENDON
ANTIOCH FIRE TOWER	0253	02	CLAIBORNE		32 53	93 00	350		1P		H	STATE DIV OF FORESTRY
ASHLAND	0349	04	NATCHITOCHE		32 07	93 06	225	8A	8A		H	SOLOMON G MARTIN
BAKER	0462	06	E BATON ROUG		30 35	91 10	80		7A			BAKER FIRE DEPT
BASTROP	0537	03	MOREHOUSE		32 47	91 54	140	5P	5P		H	CITY OF BASTROP
BATON ROUGE CENTRAL	0546	06	E BATON ROUG		30 33	91 03	65		8A			E BATON ROUG PARISH
BATON ROUGE WSO AP	0549	06	E BATON ROUG		30 32	91 08	64	MID	MID		C H J	NATL WEATHER SERVICE
BATON ROUGE KLEINPETER	0558	06	E BATON ROUG		30 22	91 01	25		7A			E BATON ROUGE PARISH
BAYOU SORREL LOCK	0565	08	IBERVILLE		30 08	91 19	15		8A		H	U S CORPS OF ENGINEERS
BEAVER FIRE TOWER	0617	05	EVANGELINE		30 48	92 35	105		1P			STATE DIV OF FORESTRY
BELAH FIRE TOWER	0639	05	LA SALLE		31 38	92 11	200	9A	1P		H	STATE DIV OF FORESTRY
BETHANY	0786	01	CADDO		32 23	94 03	370		8A			NORMAN G ALEXANDER
BIENVILLE 3 NE	0800	02	BIENVILLE		32 22	92 56	307	MID	MIO			SOUTHERN NATURAL GAS CO
BODCAU FIRE TOWER	0920	01	BOSSIER		32 42	93 31	260		1P			STATE DIV OF FORESTRY
BOGALUSA	0945	06	WASHINGTON		30 47	89 52	103	8A	8A		H	CROWN ZELLERBACH CORP
BOOTHVILLE WSCMO CI	1157	09	PLAQUEMINES		29 20	89 24	0	MID	MID		C H J	NATL WEATHER SERVICE
BOYCE 3 WNW	1232	05	RAPIDES		31 23	92 43	110	MID	MID			CENTRAL LA ELECTRIC CO
BUNKIE	1287	05	AVOYELLES		30 57	92 10	80	8A	8A		H	ROGERS J LACHNEY
BUTTE LA ROSE	1365	08	ST MARTIN		30 17	91 41	5		8A			CLARENCE J HOTARD JR
CALHOUN EXP STATION	1411	02	OUACHITA		32 31	92 20	180	8A	8A		BACGH	L S U NORTH LA EXP STA
CARVILLE 2 SW	1565	08	IBERVILLE		30 12	91 07	25	8A	8A		H	U S PUBLIC HEALTH HOSP
CLINTON	1891	06	E FELICIANA		30 52	91 01	180		8A			KENNETH M CAIN
CLINTON 5 SE	1899	06	E FELICIANA		30 48	90 58	200	8A	8A		CG	LSU IDLEWILD EXP STN
COLUMBIA LOCKS	1979	02	CALDWELL		32 10	92 06	80		8A			U S CORPS OF ENGINEERS
CONVERSE	2023	04	SABINE		31 45	93 42	220	8A	8A		H	WILLIAM R OTT
COTTON VALLEY	2121	01	WEBSTER		32 49	93 25	230	7A	7A		H	MRS RUBY V ALLEN
COVINGTON 4 NNW	2151	06	ST TAMMANY		30 32	90 07	40	5P	5P		C H	ST JO ABBEY-SEMINARY
CROWLEY EXP STATION	2212	07	ACADIA		30 15	92 22	25	8A	8A		GH	L S U RICE EXP STATION
DELTA-BRETON WL REF	2330	09	PLAQUEMINES		29 13	89 16	5	8A	8A		H	DELTA-BRETON NAT WL REF
DENHAM SPRINGS	2350	06	LIVINGSTON		30 28	90 58	35		7A			DENHAM SPRINGS FIRE D
DE QUINCY 4 N	2361	07	BEAUREGARO		30 31	93 26	95	8A	8A		H	LA CORR AND INO SCH
DE RIDDER	2367	07	BEAUREGARO		30 53	93 17	200	8A	8A		H	RADIO STATION KDLA
DONALDSONVILLE	2534	09	ASCENSION		30 07	90 59	40	8A	8A		H	MARIANGE G GUILLOT
ELIZABETH	2800	07	ALLEN		30 52	92 48	150	8A	8A		H	CALCASIEU PAPER CO
EPPS 6 WNW	2971	03	WEST CARROLL		32 37	91 34	99	8A	8A		C H	TRUCKLINE GAS CO
EUNICE	2981	05	ST LANDRY		30 29	92 26	50		7A			ROYNE H FONTENOT
FRANKLIN 3 NW	3313	08	ST MARY		29 49	91 33	12	MID	MID		H	CENTRAL LA ELECTRIC CO
FRANKLINTON 2	3322	06	WASHINGTON		30 51	90 10	145		8A			FRED B ORMAN
FRANKLINTON 3 SW	3327	06	WASHINGTON		30 49	90 11	145	MID	MID		H	SOUTHERN NAT GAS CO
GALLIANO	3433	09	LAFOURCHE		29 26	90 18	2	8A	8A		H	LAFOURCHE PARISH SHER D
GLOSTER 1 W	3657	01	DE SOTO		32 12	93 50	255		7A			MARGARET E JAMISON
GONZALES	3695	09	ASCENSION		30 14	90 54	10		7A		C	CITY OF GONZALES-SEW PL
GORUM FIRE TOWER	3741	04	NATCHITOCHE		31 25	92 54	360		1P		H	STATE DIV OF FORESTRY
GRAND COTEAU	3800	05	ST LANDRY		30 26	92 02	55	5P	5P		H	ST CHARLES COLLEGE
GRAND ECORE	3804	04	NATCHITOCHE		31 48	93 06	150		7A			CLINTON JONES
GRAND ISLE 2	3815	09	JEFFERSON		29 14	90 00	2				C	TOWN OF GRAND ISLE
GREENSBURG	3864	06	ST HELENA		30 50	90 40	225		8A			TOWN OF GREENSBURG
GREENWELL SPRINGS	3867	06	E BATON ROUG		30 34	90 59	60		7A			MRS LAURA L CAMPBELL
GREENWOOD FIRE TOWER	3877	01	CADDO		32 25	94 00	350		1P			STATE DIV OF FORESTRY
HACKBERRY 8 SSW	3979	07	CAMERON		29 53	93 25	6	8A	8A		H	U S FISH-WILDLIFE SERV
HAMMOND 5 E	4030	06	TANGIPAHOA		30 30	90 22	35	8A	8A		G	LSU SE LA HORTICUL STN
HAMMOND 3 NW	4034	06	TANGIPAHOA		30 32	90 29	45	9A	9A		H	LA DEPT OF NATURAL RES
HANNA 3 S	4050	01	RED RIVER		31 54	93 21	125		8A			CHARLES D WOOD
HODGES GARDENS	4288	04	SABINE		31 22	93 23	420		8A			HODGES GAROENS
HOMER EXP STATION	4355	02	CLAIBORNE		32 45	93 04	380	8A	8A		H	N LA HILL FARM EXP STA
HOSSTON	4398	01	CADDO		32 53	93 53	200		8A			THOMAS C GRAVES
HOUMA	4407	09	TERREBONNE		29 35	90 44	15	8A	8A		BA GH	USDA-SUGARCANE FLO STN
JEANERETTE EXP STN	4674	08	IBERIA		29 57	91 43	20	8A	8A		H	LSU IBERIA LIVESTOCK FM
JENNINGS	4700	07	JEFF DAVIS		30 12	92 40	25	8A	8A		C H	DOUGLAS E HOLLIER
JONESBORO FIRE TOWER	4732	02	JACKSON		32 13	92 42	320		1P			LA DEPT OF NATURAL RES
JONESVILLE LOCKS	4739	05	CATAHOULA		31 29	91 51	70	8A	8A		C	U S CORPS OF ENGINEERS
KEITHVILLE	4816	01	CADDO		32 21	93 50	200		7A			MRS OLIVE B HILL
KENTWOOD	4859	06	TANGIPAHOA		30 56	90 31	220		8A			MRS NICK SALADINO
KINDER 3 W	4884	07	ALLEN		30 30	92 54	53		7A			ALEX COURVILLE
KORAN	4931	01	BOSSIER		32 25	93 28	175		8A			UNITED GAS PIPELINE CO
LAFAYETTE	5021	08	LAFAYETTE		30 14	92 03	40					CITY OF LAFAYETTE UTIL

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
APRIL 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
LAFAYETTE FAA AP	5026	08	LAFAYETTE		30 12	91 59	38	MID	MID		H	FAA
LAKE CHARLES 2 N	5074	07	CALCASIEU		30 15	93 13	5		8A			U S CORPS OF ENGINEERS
LAKE CHARLES WSO AP	5078	07	CALCASIEU		30 07	93 13	9	MID	MID		C HJ	NATL WEATHER SERVICE
LAKE PROVIDENCE	5090	03	EAST CARROLL		32 48	91 10	103	8A	8A		H	LA POWER & LIGHT CO
LEESVILLE	5266	04	VERNON		31 09	93 16	240	8A	8A		C H	JAMES M MILLER
LIVERPOOL 3 ENE	5430	06	ST HELENA		30 56	90 38	250		8A			CLIFTON SMITH
LIVINGSTON	5438	06	LIVINGSTON		30 30	90 45	40		8A			JOHNNY SZANYI
LOGANSPOUT 4 ENE	5527	01	DE SOTO		31 59	93 57	210	5P	5P		C H	SOUTHERN NATURAL GAS CO
LONGVILLE	5584	07	BEAUREGARD		30 36	93 14	114		7A			FRED REEVES JR
LOUISIANA NATURE CTR	5610	09	ORLEANS		30 03	89 58	-1	8A	8A			LA NATURE CTR INC
LSU 8EN-HUR EXP STN	5620	06	E BATON ROUG		30 22	91 10	21	8A	8A	8A		LSU AGRI EXP STATION
LSU DEAN LEE EXP STN	5630	05	RAPIDES		31 11	92 24	70	8A	8A		G	LSU DEAN LEE AGRI CNTR
MAMOU 4 S	5852	05	EVANGELINE		30 34	92 26	55	5P	5P			TRANSCONTINENTAL G P C
MANSFIELD 3 WSW	5874	01	DE SOTO		32 01	93 44	375		7A		H	8ENNETT STRANGE
MANY	5892	04	SABINE		31 34	93 29	260	8A	8A		H	ROBERT R GENTRY
MARION	5908	02	UNION		32 54	92 15	190		8A			TOWN OF MARION
MARKSVILLE	5920	05	AVOYELLES		31 09	92 02	85		8A			TOWN OF MARKSVILLE
MARTIN FIRE TOWER	5935	01	RED RIVER		32 06	93 14	270		1P		C	HERSHEL L CULPEPPER
MELVILLE	6117	05	ST LANDRY		30 41	91 45	30	8A	8A		H	MRS RUTH T HERBERT
MERMENTAU	6142	07	ACADIA		30 11	92 35	16		8A			DENNIS J BROUSSARD
MINDEN	6244	01	WEBSTER		32 35	93 17	185	8A	8A		C H	MUNICIPAL POWER PLANT
MITTIE 2 SE	6271	07	ALLEN		30 42	92 53	120		8A			MRS OLLIE M MAHAFFEY
MONROE FAA AP	6303	02	OUACHITA		32 31	92 03	78	MID	MID		H	FAA
MONROE NLU	6314	02	OUACHITA		32 32	92 04	70	8A	8A		C	NORTHEAST LA UNIVERSITY
MOORINGSPOUT 1 N	6364	01	CADDO		32 42	93 58	200		8A			SOUTHWESTERN ELEC CO
MORGAN CITY	6394	08	ST MARY		29 41	91 11	5	8A	8A		C	U S CORPS OF ENGINEERS
NATCHITOCHES	6582	04	NATCHITOCHES		31 46	93 05	130	8A	8A		C H	MUNICIPAL POWER PLANT
NEW IBERIA 5 NW	6657	08	IBERIA		30 03	91 53	25	8A	8A		H	GULF S RESEARCH INST
NEW ORLEANS WSCMO AP	6660	09	JEFFERSON	R	29 59	90 15	4	MID	MID		C HJ	NATL WEATHER SERVICE
N O ADBON WSFO CI	6664	09	ORLEANS	R	29 55	90 08	6	MID	MID		C H	NATL WEATHER SERVICE
NEW ORLEANS ALGIERS	6666	09	ORLEANS	R	29 56	90 02	2		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 14	6668	09	ORLEANS	R	30 04	89 58	0		12M			SWG AND WATER BOARD
NEW ORLEANS WATER PLT	6669	09	ORLEANS	R	29 57	90 08	22		12M			SWG AND WATER BOARD
NEW ORLEANS CITY HALL	6670	09	ORLEANS		29 57	90 04	5		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 5	6672	09	ORLEANS		29 59	90 01	10		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 3	6675	09	ORLEANS	R	29 59	90 04	12		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 6	6679	09	ORLEANS	R	29 59	90 07	0		12M			SWG AND WATER BOARD
NEW ROADS 5 ESE	6686	05	POINTE COUPE		30 41	91 22	45	8A	8A		H	CAJON ELEC PWR COOP INC
OAKDALE	6836	07	ALLEN		30 49	92 41	100		7A			CREED JONES
OAK GROVE 2 WSW	6866	03	WEST CARROLL		32 51	91 26	110		8A			MRS JESSEE PETERSON
OAKNOLIA	6911	06	E FELICIANA		30 44	90 59	130		7A			PERCY E DREHER
OBERLIN FIRE TOWER	6938	07	ALLEN		30 36	92 47	65	9A	1P		H	LA DEPT OF NATURAL RES
OLD RIVER LOCK	6962	05	POINTE COUPE		31 00	91 40	70	8A	8A		C	U S CORPS OF ENGINEERS
OLLA 3 SSW	6978	05	LA SALLE		31 52	92 16	100	8A	8A		C	UNITED GAS PIPE LINE CO
OPELOUSAS	6995	05	ST LANDRY		30 29	92 04	60		7A			HAROLD L BAQUE
PARADIS 7 S	7096	09	ST CHARLES		29 47	90 26	5	4P	4P		H	RUDOLPH MELANCAN JR
PEARL RIVER LOCK 1	7161	06	ST TAMMANY		30 27	89 47	30		8A			U S CORPS OF ENGINEERS
PINE GROVE FIRE TOWER	7304	06	ST HELENA		30 42	90 45	190		1P			LA DEP OF NAT RESOURCES
PLAIN DEALING	7344	01	BOSSIER		32 54	93 41	291	8A	8A		H	LEON SANDERS JR
PLAQUEMINE 2 N	7366	08	IBERVILLE		30 19	91 14	20		7A			DOW CHEMICAL USA
PLAQUEMINES EXP STA	7368	09	PLAQUEMINES		29 35	89 50	4	4P	4P			LSU PLAQUEMINES P EXP S
PORT ALLEN	7448	05	W BATON ROUG		30 27	91 13	15		8A			CITY-PORT ALLEN SEW PLT
RED RIV VALLEY EXP STA	7738	01	BOSSIER		32 25	93 38	155	8A	8A	8ACG		LSU RED RIVER VLY EXP
RESERVE	7767	09	ST JOHN 8APT		30 04	90 34	13	8A	8A		H	GODCHAUX-HENDERSON
ROBSON	7924	01	CADDO		32 21	93 39	160		8A			LSU PECAN EXP STN
ROCKEFELLER WL REFUGE	7932	07	CAMERON		29 44	92 49	4	8A	8A		C	U S FISH & WILDLIFE
RODESSA	7950	01	CADDO		32 58	94 00	200		7A			MRS F M OSBORN
ROSEPINE EXP STATION	8046	04	VERNON		30 57	93 17	238	8A	8A		G	LSU WEST LA EXP STN
RUSTON	8065	02	LINCOLN		32 32	92 36	300		8A		C	CITY OF RUSTON
RUSTON-LA TECH UNIV	8067	02	LINCOLN		32 31	92 39	275	8A	8A		H	LA TECH UNIVERSITY
SAILES FIRE TOWER	8094	02	BIENVILLE		32 22	93 08	360		1P			STATE DIV OF FORESTRY
SAINT BERNARD	8108	09	ST BERNARD		29 52	89 50	5	5P	5P			SOUTHERN NATL GAS CO
SAINT FRANCISVILLE	8136	06	W FELICIANA		30 47	91 23	110		8A			MS MARCIA W ROGERS
SAINT JOSEPH EXP STA	8163	03	TENSAS		31 57	91 14	78	8A	8A	8A	GH	NE LA EXPERIMENT STA
SHERIDAN FIRE TOWER	8405	06	WASHINGTON		30 51	89 59	330		1P			LA DEPT OF NATURAL RES
SHREVEPORT DOWNTOWN	8436	01	CADDO		32 31	93 45	180		8A			MEDFORD 8 BENNETT
SHREVEPORT WSO AP	8440	01	CADDO	R	32 28	93 49	254	MID	MID		C HJ	NATL WEATHER SERVICE
SIMMESPORT	8507	05	AVOYELLES		30 59	91 49	50		8A			MRS CARMEN R RABALAIS
SLAGLE	8524	04	VERNON		31 12	93 08	300		8A			MRS MARGIE A HAYMON

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
APRIL 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SLIDELL WSFO	8539	06	ST TAMMANY		30 15	89 46	10					NOAA-NATL WEATHER SERV HAROLD L ATWELL
SPEARSVILLE FIRE TOWER	8669	02	UNION		32 54	92 34	200	8A	8A	1P	C	
SPRINGHILL	8683	01	WEBSTER		33 00	93 27	250		8A		C	MRS RUTH M MATLOCK
SPRINGVILLE FIRE TOWER	8715	06	LIVINGSTON		30 26	90 39	30		1P		H	LA DEP OF NAT RESOURCES
STERLINGTON	8785	02	OUACHITA		32 43	92 05	60		8A			LA POWER & LIGHT CO
STEVENSON FIRE TOWER	8795	03	MOREHOUSE		32 54	91 58	150		1P			STATE DIV OF FORESTRY
SUGARTOWN	8828	07	BEAUREGARD		30 51	93 01	170		7A			MRS PEARL M McDONALD
SULPHUR	8831	07	CALCASIEU		30 14	93 23	12		8A			CITY WATER PLANT
TALLULAH	8923	03	MADISON		32 24	91 13	85	8A	8A		H	PEOPLES WATER SERV CO
THIBODAUX	9013	09	LAFOURCHE		29 48	90 49	20	8A	8A			CITY OF THIBODAUX WTR W
VERMILION LOCK	9319	07	VERMILION		29 47	92 12	14	8A	8A		H	U S CORPS OF ENGINEERS
VIDALIA 2	9357	05	CONCORDIA		31 35	91 26	60		8A		C	VIDALIA FIRE DEPT
VINTON	9375	07	CALCASIEU		30 12	93 35	19		8A			TOWN OF VINTON
WATSON 3 ENE	9480	06	LIVINGSTON		30 36	90 54	65		7A			RALPH E CLARK JR
WINNFELD 2 W	9803	02	WINN		31 56	92 41	160	6P	7A		C H	ESTES B BOZEMAN
WINNSBORO	9806	03	FRANKLIN		32 09	91 42	80	8A	8A		CGH	LA DEPT OF NATURAL RES
WINONA FIRE TOWER	9809	02	WINN		32 02	92 39	220		1P			LA DEPT OF NATURAL RES
WOODWORTH 2 SE	9865	05	RAPIDES		31 07	92 28	116	8A	8A			LA DEPT OF NATURAL RES
ZACHARY 2 ESE	9930	06	E BATON ROUG		30 38	91 08	85		8A			MANUEL F RODRIGUEZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SPECIAL WEATHER SUMMARY

APRIL 1981--3rd warmest and 6th driest on record. The preliminary state weighted average temperature for April, 1981, is 71.3°, which is 3.8° above normal. It is the 3rd warmest April on record (with records dating back to 1888). The two warmer Aprils were: 1968---71.8°, 1980---71.5°.

The highest reported temperature was 92° at Winnsboro and Leesville on the 29th, and the lowest was 35° at Many and Ashland on the 5th and 6th.

Two new division temperature records were broken; it was the warmest on record over Northeast and Southeast Louisiana. It was the third warmest on record over North Central and Central Louisiana, and 4th warmest over the South Central zone.

A new daily record high of 87° was set on the 15th at Audubon Park in New Orleans, and on two days the high was within 1° of tying old records. New Orleans, Moisant tied its record high on the 15th with a reading of 86°. At Lake Charles, a record high was tied on the 30th with a reading of 90°.

The very warm temperatures for so early in the year are also reflected in the cooling degree days index. The number of cooling degree days for April, 1981, were 1 1/2 to 2 times greater than normal. Cooling degree days are indices used to estimate the energy requirements for air conditioning and refrigeration. One cooling degree-day is assigned for each degree that the daily mean temperature departs from the base of 65°. A comparison for April, 1981, Cooling degree days and normals is shown.

Station	Cooling Degree Days	Normal
Shreveport	171	107
Baton Rouge	227	135
Lake Charles	211	143
New Orleans, Moisant	210	137
New Orleans, Audubon	310	157

Not only was April, 1981, a record maker for temperature, but also for precipitation. The state weighted average precipitation for April, 1981, in Louisiana is 1.29 in, which is 3.57 in below normal. It is the 6th driest on record with drier Aprils occurring in:

1965/0.77	1903/1.22
1925/1.02	1930/1.27
1976/1.18	

The greatest monthly rainfall was 4.47 in at Antioch Fire Tower and the maximum in 24 hr was 3.45 in at Vinton on the 23d.

The driest division was Southeast Louisiana where rainfall for April averaged .97 in. The Northwest zone was wettest with 2.04 in, which was still about 3 in below normal.

Upper layer soil moisture, calculated from the Thornthwaite Water Budget Model for 11 stations in Louisiana, dropped to very low levels in mid-April. Rain toward the last part of the month helped to alleviate the dry conditions a little, however, New Orleans and Baton Rouge were the only two stations of the 11 with moisture greater than 50% capacity.

There were five main thunderstorm periods: 4th, 16th-18th, 21st, 23d-24th, 27th-28th, 30th. On the 22d a thunderstorm produced high winds that overturned a trailer and tore the roof off a building in Port Allen (near Baton Rouge). On the 30th, a small tornado touched down in Reserve damaging three homes and some trees. In Jennings, a thunderstorm on the 30th produced wind gusts to 55 M.P.H. that uprooted a few trees, and tore off tin from some barn roofs.

ANALYSIS OF SYNOPTIC WEATHER TYPES: The preliminary analysis of synoptic weather types over southeastern Louisiana for April, 1981, shows the following frequencies, with the ten-year average for 1966-75 included for comparison.

SYNOPTIC WEATHER TYPE	APRIL	
	1981	1966-75
Pacific High (PH)	0	5
Continental High (CH)	16	17
Frontal Overrunning (FOR)	7	12
Coastal Return (CR)	20	10
Gulf Return (GR)	40	35
Frontal Gulf Return (FGR)	17	18
Gulf Tropical Disturbances (GTD)	0	0
Gulf High (GH)	0	4
Continental Index (CH+FOR)	23	29
Tropical Index (GR+FGR)	57	53
Storminess Index (FOR+FGR)	24	30

In synoptic weather type terms, April was not an extremely unusual month. The Coastal Return (CR) frequency of 20% was the highest in the data series from 1963 to date, and the Frontal Overrunning frequency of only 7% tied for the 5th lowest of the series. But the Continental Index (CI) was the 4th lowest of the series, the Storminess Index (SI) was the 7th lowest of the series, and the Tropical Index has not been this high during April since 1970.

The surface synoptic weather types are controlled largely by the patterns of the airflow aloft (meteorologists talk about the 500 millibar level at about 18,000 ft above sea level, and the core of the jet streams at even higher altitudes).

The contrast of upper atmospheric circulation patterns between April, 1980, and April, 1981, were a succession of ridges and troughs which swept across the southern United States from west to east. Generally speaking, frontal activity and storm weather types at the surface are associated with the troughs, and fair weather with the ridges. Intense upper air troughs swept across Louisiana during April, 1980, giving us bursts of heavy rains and flooding with brief periods of fair weather in between.

April, 1981, was very different. For the most part we were under the influence of a nearly stationary ridge of high pressure aloft, often centered over the Gulf of Mexico. Frontal activity was less frequent, with precipitation opportunities diminished in both duration and intensity. Much of the time we were imbedded within a warm, moist flow of Gulf air northward toward the upper Mississippi and Ohio River valleys. The predictable result: humid and mild, but with little precipitation.

Dr. Robert A. Muller, State Climatologist
Department of Geography and Anthropology
LSU, Baton Rouge, LA 70803

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly heating and cooling degree totals are the sums of the negative and positive departures, respectively, of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1953.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:

	Soil Type	Soil Cover	Degree of Slope
Calhoun Exp Station	: Ruston fine sandy loam	Bare	0%
Clinton 5 SE	: Buff Terrace	Bare	0.1% to S
Crowley Exp Station	: Coastal Prairie	Bare	0%
Hammond 5 E	: Fine sandy loam	Bare	0%
Houma	: Moon silt clay loam	Bare	0%
LSU Dean Exp Sta			
Station	: Red River alluvial	Bare	0%
Red River Valley Exp Sta			
Rosepine Exp. Sta	: Fine sandy loam	Bare	0%
Saint Joseph Exp Sta	: Sharkey clay	Bare	0%
Winnsboro	: Bluff Terrace	Bare	0%

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- + No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- ++ And also on an earlier date or dates.
- * Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Extreme occurred at station with incomplete data which may have been exceeded.
- D Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

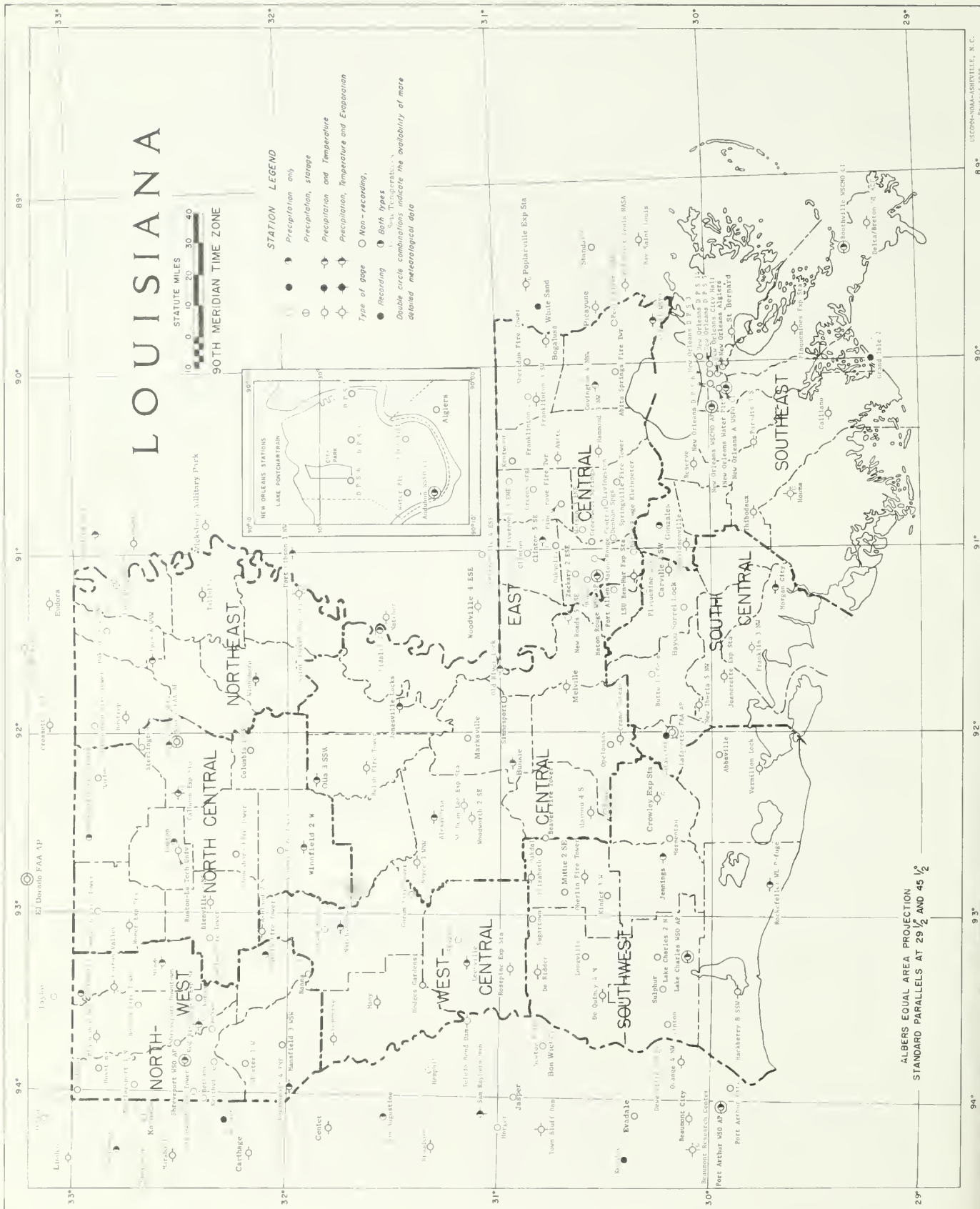
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45¢ single copy; \$1.00 foreign; 45¢ annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801. ATTN: Publications



LOUISIANA

STATUTE MILES
0 10 20 30 40
90TH MERIDIAN TIME ZONE

STATION LEGEND

- Precipitation only
 - Precipitation, storage
 - Precipitation, temperature
 - Type of gage
 - Recording
 - Non-recording
 - Bath types
- Double circle combinations indicate the availability of more detailed meteorological data



ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

U. S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N. C. 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210



THIRD CLASS
BULK RATE

Climatological Data



LOUISIANA

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	2 STATIONS	96	DATE 29
LOWEST TEMPERATURE:	3 STATIONS	42	DATE 16+
GREATEST TOTAL PRECIPITATION:	GREENWOOD FIRE TOWER	12.80	
LEAST TOTAL PRECIPITATION:	BOOTHVILLE WSCMO CI	1.81	
GREATEST 1 DAY PRECIPITATION:	OPELOUSAS	5.31	DATE 05

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BATON ROUGE WSO AP	13	1.3	6.5	18++	19	25+	92	97	65	67	3	2	2	2	0	1	10	-	6.5	
LAKE CHARLES WSO AP	14	3.0	9.5	35++	15	16	85	89	59	62	1	3	4	1	0	1	10	75	6.2	
NEW ORLEANS WSCMO AP	13	1.5	7.8	21++	27	10	80	84	58	63	2	0	4	0	1	1	8	59	6.6	
SHREVEPORT WSO AP	15	1.5	8.7	39++	28	09	84	92	66	69	4	2	7	3	1	1	18	46	7.0	



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
MAY 1981

STATION		TEMPERATURE														PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS					
												MAX.	MIN.	TOTAL	DATE					TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE		
																										27° OR ABOVE	32° OR BELOW
NORTHWEST 01																											
COTTON VALLEY		79.0	56.5	67.8		89	31	45	15+	44	136	0	0	0	0	6.78		1.87	16	.0	0		11	4	3		
LOGANSPORT 4 ENE		83.0	59.1	71.1		92	29	42	11	12	207	5	0	0	0	5.84	- .56	2.05	5	.0	0		9	3	1		
MINOEN		79.6	57.8	68.7	- 3.8	90	29	46	11	23	146	1	0	0	0	8.83	3.39	1.92	10	.0	0		10	7	3		
PLAIN DEALING		77.7	55.5	66.6	- 5.2	87	29+	45	16+	53	110	0	0	0	0	8.64	3.56	1.85	16	.0	0		12	6	3		
REO RIV VALLEY EXP STA		80.0	57.8	68.9		89	29	47	11	22	153	0	0	0	0	8.45		1.68	10	.0	0		11	7	3		
SHREVEPORT WSO AP R		79.2	59.2	69.2	- 4.2	89	30+	45	11	20	157	0	0	0	0	9.96	4.92	5.23	9	.0	0		12	5	2		
DIVISION				68.7	- 3.7										8.08	2.67			.0								
NORTH CENTRAL 02																											
BIENVILLE 3 NE		81.5	57.8	69.7		91	28+	46	21	15	166	5	0	0	0	7.01		2.33	25	.0	0		8	4	3		
CALHOUN EXP STATION		80.3	56.6	68.5	- 4.4	91	29	44	12	39	154	1	0	0	0	5.12	- .19	1.13	16	.0	0		9	5	2		
HOMER EXP STATION		78.9	55.5	67.2		89	29	42	16	52	127	0	0	0	0	7.88		1.63	26	.0	0		11	6	3		
MONROE FAA AP		80.5	61.4	71.0	- 2.3	92	30+	51	21	13	204	3	0	0	0	3.25	- 1.54	1.34	16	.0	0		6	3	1		
MONROE NLU		79.7	57.0	68.4		91	29	46	21+	41	152	2	0	0	0	5.69		2.13	1	.0	0		9	4	1		
RUSTON-LA TECH UNIV		80.0	57.6	68.8	- 3.4	90	30+	46	12+	29	155	2	0	0	0	5.47	- .58	1.12	5	.0	0		9	6	1		
WINNFIELD 2 W		82.1	57.1	69.6	- 3.8	91	30+	43	21+	21	175	3	0	0	0	4.52	- 1.23	1.41	5	.0	0		8	4	1		
DIVISION				69.0	- 3.7										5.56	.18			.0								
NORTHEAST 03																											
BASTROP		83.1	59.2	71.2	- 2.4	92	30	48	21	6	205	3	0	0	0	6.04	1.38	2.39	16	.0	0		6	4	2		
EPPS 6 NW		81.3	59.5	70.4		92	31	48	12+	24	200	3	0	0	0	5.24		1.53	19	.0	0		6	5	1		
LAKE PROVIDENCE		81.1	59.4	70.3	- 3.4	92	31+	49	22+	16	188	2	0	0	0	4.95	.51	1.11	19	.0	0		7	6	1		
SAINT JOSEPH EXP STA		80.6	60.9	70.8	- 2.4	91	31	48	21	16	204	3	0	0	0	5.28	.47	2.01	26	.0	0		7	5	1		
TALLULAH		80.6M	58.7M	69.7M	- 2.7	91	29	47	21	25	176	4	0	0	0	6.06	1.44	1.52	19	.0	0		8	5	4		
WINNSBORO		81.2	58.3	69.8	- 3.6	91	31	46	21	23	179	3	0	0	0	4.20	- .43	1.51	10	.0	0		8	3	1		
DIVISION				70.4	- 3.0										5.30	.63			.0								
WEST CENTRAL 04																											
ASHLAND		79.3	56.1	67.7		90	29	42	11	38	128	1	0	0	0	5.03		1.57	10	.0	0		10	3	1		
CONVERSE		80.4	56.1	68.3		89	30+	43	12+	25	134	0	0	0	0	5.95		2.10	5	.0	0		9	5	1		
LEESVILLE		83.6	58.9	71.3	- 1.9	92	30+	44	11	12	215	6	0	0	0	4.82	- .67	1.06	2	.0	0		8	4	1		
MANY		83.0	57.2	70.1		92	29	43	12+	20	188	5	0	0	0	7.49		3.05	5	.0	0		12	4	3		
NATCHITOCHES		79.8	58.7	69.3	- 4.8	91	29	44	11	21	162	1	0	0	0	5.24	- .65	.87	10	.0	0		9	6	0		
ROSEPIKE EXP STATION		82.3	59.9	71.1		92	30+	46	12+	12	209	3	0	0	0	3.83		.93	16	.0	0		7	4	0		
DIVISION				69.6	- 3.7										5.39	- .49			.0								
CENTRAL 05																											
ALEXANDRIA		81.7	60.7	71.2		90	31+	48	11	10	209	3	0	0	0	5.47		1.64	5	.0	0		8	4	2		
BELAH FIRE TOWER		82.0	59.5	70.8		91	31+	46	14	18	205	3	0	0	0	5.47		1.37	5	.0	0		9	4	2		
BOYCE 3 NW		80.8M	60.5M	70.7M				45	15	7	151	0	0	0	0	6.93		2.20	1	.0	0		9	6	2		
BUNKIE		82.3	62.0	72.2	- 2.0	93	31	51	21	9	239	4	0	0	0	8.60	2.14	2.65	26	.0	0		8	5	4		
GRAND COTEAU		83.5	63.5	73.5		93	29	50	21	2	273	6	0	0	0	6.62	1.34	4.70	5	.0	0		7	3	1		
JONESVILLE LOCKS		81.5	60.5	71.0		91	31	52	21+	10	203	2	0	0	0	7.02		2.18	26	.0	0		9	5	3		
LSU DEAN LEE EXP STN		81.0	60.6	70.8		90	31+	49	21+	15	201	3	0	0	0	9.11		3.56	26	.0	0		9	5	3		
MAMOU 4 S		84.5	66.4	75.5		93	31+	55	20	0	334	6	0	0	0	6.75		4.23	5	.0	0		8	3	1		
MELVILLE		82.0	60.7	71.4	- 3.0	93	30	48	21	18	222	4	0	0	0	7.25	1.80	4.40	5	.0	0		7	3	2		
NEW ROADS 5 ESE		82.2	61.7	72.0		94	31	48	21	13	235	5	0	0	0	6.20		3.15	5	.0	0		7	3	2		
OLD RIVER LOCK		81.2	59.6	70.4		91	29	47	15	14	187	2	0	0	0	7.44		3.65	5	.0	0		7	5	2		
OLLA 3 SSW		81.2	56.1	68.7		92	31	44	21+	33	155	3	0	0	0	6.33		2.10	5	.0	0		9	6	2		
WOODWORTH 2 SE		81.5M	60.9	71.2M		93	31	50	21+	11	209	3	0	0	0	9.38	3.54	2.65	1	.0	0		9	5	3		
DIVISION				71.5	- 2.6										7.12	1.43			.0								
EAST CENTRAL 06																											
AMITE		83.7	59.6	71.7	- 2.4	93	30	48	21	11	226	6	0	0	0	6.73		2.28	5	.0	0		7	3	3		
BATON ROUGE WSO AP R		81.9	61.8	71.9	- 2.9	92	29+	50	21+	6	226	4	0	0	0	4.47	.08	2.47	5	.0	0		5	3	1		
BOGALUSA		83.2	58.4	70.8	- 3.8	94	31+	49	21+	11	197	4	0	0	0	3.22	- 1.77	1.69	26	.0	0		4	3	1		
CLINTON 5 SE		90.4	59.5	70.0	- 3.6	90	29	48	12+	21	183	1	0	0	0	6.24	1.48	2.46	5	.0	0		7	5	2		
COVINGTON 4 NNW		83.8	59.8	71.8	- 2.3	91	29+	45	12	6	225	3	0	0	0	6.24	1.39	3.48	5	.0	0		6	2	2		
FRANKLINTON 3 SW		83.5	58.8	71.2		96	29	47	21+	7	205	5	0	0	0	3.78		1.72	5	.0	0		5	2	2		
HAMMOND 5 E		82.8	59.1	71.0		91	30+	47	21	13	204	5	0	0	0	7.14		4.18	26	.0	0		5	2	2		
HAMMOND 3 NW		82.9M	59.5M	71.2M	- 3.0	91	31+	46	21	14	216	6	0	0	0	7.65	- 2.83	2.69	5	.0	0		5	4	3		
LSU BEN-HUR EXP STN		83.2	61.3	72.3		93	29	45	21	18	250	6	0	0	0	4.28		2.36	5	.0	0		6	3	1		
SLIDELL WSO		83.0	62.6	72.8		92	31	50	21+	7	257	2	0	0	0	2.42		1.44	5	.0	0		6	1	1		
DIVISION				71.5	- 2.5										5.22	.34			.0								
SOUTHWEST 07																											
CROWLEY EXP STATION		82.2	62.9	72.6		91	29+	48	11	10	254	4	0	0													

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
MAY 1981

STATION	TEMPERATURE													PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS						TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS		
									MAX.		MIN.							TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE
									32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW									
OE RIDGER	82.4	60.3	71.4		92 29	45 11	8	214	4	0	0	0	3.34		1.15	17	.0	0		6	3	1	
ELIZABETH	82.1	61.3	71.7	- 2.4	93 31	49 21+	13	229	4	0	0	0	6.93	- 1.12	2.48	5	.0	0		8	4	3	
HACKBERRY 8 SSW	81.6	65.7	73.7	- 1.4	89 28+	47 20	3	281	0	0	0	0	1.91	- 2.45	.64	10	.0	0		6	2	0	
JENNINGS	83.0	62.5	72.8	- 2.5	92 31+	51 11	8	256	0	0	0	0	2.62	- 3.27	1.07	5	.0	0		4	2	1	
LAKE CHARLES WSO AP	82.5	63.9	73.2	- 2.0	91 27+	50 11	1	264	2	0	0	0	5.88	.82	4.40	31	.0	0		6	2	1	
BERLIN FIRE TOWER	82.5	61.8	72.2		91 31+	49 11	5	231	5	0	0	0	5.02		2.01	5	.0	0		8	4	1	
ROCKEFELLER WL REFUGE	83.0	64.6	73.8		91 27+	52 11	2	283	4	0	0	0	2.03		.79	5	.0	0		4	2	0	
VERMILION LOCK	82.4	63.2	72.8		92 30	52 21	3	255	6	0	0	0	3.48		2.55	5	.0	0		4	2	1	
DIVISION			72.6	- 2.2									4.10	- 1.19			.0						
SOUTH CENTRAL 08																							
CARVILLE 2 SW	83.4	62.5	73.0	- 1.9	92 30	49 21	6	263	6	0	0	0	3.69	- 1.20	2.00	5	.0	0		3	3	1	
FRANKLIN 3 NW	82.8	63.7	73.3	- 1.9	94 29	52 21	0	264	2	0	0	0	4.56	- .84	2.04	5	.0	0		5	2	2	
JEANERETTE EXP STN	82.5	63.4	73.0		91 29	51 21	4	256	4	0	0	0	5.28	.56	3.75	5	.0	0		4	3	1	
LAFAYETTE FAA AP	82.1	62.7	72.4	- 2.6	92 29+	51 21	3	242	3	0	0	0	3.67	- 1.50	1.07	4	.0	0		7	3	1	
MORGAN CITY	82.6	63.3	73.0	- 2.9	90 29+	54 12+	2	256	2	0	0	0	5.23	.42	2.50	5	.0	0		6	3	2	
NEW IBERIA 5 NW	83.2	63.2	73.2		93 30	51 21	4	264	6	0	0	0	4.26		2.09	5	.0	0		6	3	1	
DIVISION			73.0	- 2.1									4.45	- .47			.0						
SOUTHEAST 09																							
BOOTHVILLE WSCMO CI	80.3	66.5	73.4		88 30+	55 3	0	272	0	0	0	0	1.81		1.24	5	.0	0		3	1	1	
DELTA-BRETON WL REF	79.1M	67.2M	73.2M		85 29	60 11	0	260	0	0	0	0	3.69		2.57	5	.0	0		3	2	1	
ODALOSONVILLE	82.4	64.2	73.3	- 2.7	91 29	54 11	2	264	3	0	0	0	5.07		2.40	5	.0	0		5	3	2	
GALLIANO	84.0	64.3	74.2		94 1	52 12+	0	289	6	0	0	0	3.85		2.00	5	.0	0		5	3	1	
HOUMA	83.1	64.7	73.9	- 1.5	91 30+	52 11	3	286	2	0	0	0	5.15	.36	2.89	5	.0	0		6	2	2	
LOUISIANA NATURE CTR	83.6	63.3	73.5		93 31	53 12	2	271	5	0	0	0	3.96		1.89	5	.0	0		7	2	1	
NEW ORLEANS WSCMO AP	84.1	65.5	74.8	- .3	92 30+	53 21	0	311	5	0	0	0	5.35	- 1.15	2.79	5	.0	0		6	2	2	
N O AOBON WSO CI	84.2	68.6	76.4	.8	92 28	58 12	0	363	4	0	0	0	3.10	- 1.06	1.51	5	.0	0		7	1	1	
PARADIS 7 S	83.6	63.2	73.4		93 2	50 21	0	267	4	0	0	0	8.21	3.32	4.14	5	.0	0		8	4	3	
PLAQUEMINES EXP STA	84.2	64.8	74.5		92 31+	52 11	1	302	4	0	0	0	3.75		2.16	5	.0	0		6	2	1	
RESERVE	83.0	61.3M	72.2M	- 3.0	91 30+	53 21+	3	233	4	0	0	0	6.85	1.95	2.65	5	.0	0		7	3	3	
SAINT BERNARD	84.7	64.2	74.5		94 29	52 11	1	299	5	0	0	0	2.70		1.58	5	.0	0		6	1	1	
THIBODLAUX	85.2	63.5	74.4	- .4	96 29	54 11	0	297	6	0	0	0	4.47	- 1.17	2.00	5	.0	0		6	3	2	
DIVISION			74.0	- 1.5									4.46	- .02			.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

LOUISIANA
MAY 1981

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
BETHANY	11.17	1.56			.07	.78	.02			1.87	2.57				.46		1.00	.19		.33					.74		.03			.16		1.39	
BODCAU FIRE TOWER	7.85	.25			.04	.54				1.49	1.10				.58		1.58	.07		.86					.15	.32	.54					.33	
COTTON VALLEY	6.78	.17	.37			.41	.25			1.05	1.20				.27		1.87	.10		.31					.08		.45		.02	T		.54	
GLOSTER 1 W	8.67	1.58	.10			.72	.10			1.15	1.12						.86	.33		.31					.31		1.05		.20			1.15	
GREENWOOD FIRE TOWER	12.80	1.40			.40	.70				2.04	2.07				.65		1.55	1.72						1.00	.53		.22					.52	
HANNA 3 S																																	
HOUSTON	6.31	.48	1.01	.04		.69	.19			.73	.94				.17		.76	.10	T					.05		1.20			T	T			
KEITHVILLE	7.91	.39				.07	.36			.4	1.72						.64	2.00		.09					.11		2.00		.19	T		.34	
KORAN	9.80	1.27	.41			.05	.40	.11	T	1.07	2.05				.86		.94	.44		.01				.33		.72			.11	T		1.03	
LOGANSPOUT 4 ENE	7.71	.67	.20			.50	.15			1.20					.73		1.04	.23		.41							2.00					.55	
	5.84	.48		.10		.08	2.05	.01		.43	.27				.02		.79	.04								.81		.06				.45	
MANSFIELD 3 WSW																																	
MARTIN FIRE TOWER	9.08	.14	1.75		.11	1.24	.05			.56	.81	.05			.02		.41	.41						.43		.36						2.74	
MINDEN	6.02	.27				.99	.24			.54	1.16				.53		.54	T		.15					.90	.60						.10	
MOORINGSPOUT 1 N	8.83	.51	.25			.38	.24			1.87	1.92				.69		.81	.72									1.51					.17	
PLAIN DEALING	7.02	1.88	.13			.34	T			1.47	.28						1.01	.21		.02					.34		.24					1.10	
	8.64	.72	.32			.39	.14			1.20	.59				.47		1.85	1.68		.03					.23		.87					.15	
RED RIV VALLEY EXP STA																																	
ROBSON	8.45	.74	.34		.01	.43	.05			1.26	1.68				.72		.81	.27	.01	.74					.05		1.13		.02			.19	
RODESSA	8.91	1.95				.10	.36	.09		1.35	1.38				.71		.76	.55							.19		1.11					.38	
SHREVEPORT DOWNTOWN	12.38	1.27	.15			.47	.02			1.34	.14				.24		1.80	1.65		.45					.45		3.36			.04		1.45	
SHREVEPORT WSO AP	7.82	.96	.40		.02	.40	.01			1.64	1.62				.35		.90	.40	.01	.04					.10		.58			.07		.32	
	9.96	.67		.01		.20	.11	T		5.23	T			.70	T	.20	1.00	.95						T	.26	.22		.11			.28	.02	
SPRINGHILL	8.89	.38	.07			.28	.17			1.04	.67				.38		2.00	3.04		.12					.07		.55	T	T	.03		.09	
NORTH CENTRAL 02																																	
ANTIOCH FIRE TOWER	8.25	.43			.02	.56	.20			1.12	1.03				.73		2.82	.17	.02	.25					.03		.02	.79				.06	
BIENVILLE 3 NE	7.01	.17				.55	.07			1.88	.02				.10		.74	.71		1.53						2.33		.26			.15	.05	
CALHOUN EXP STATION	5.12	.53				.07		T		.31	.64				.60		1.13	.37									.26					.21	
COLUMBIA LOCKS	4.22	.55	T			.65	.10			.02	.79				.41		.10	.87		.30							.43					.07	
HOMER EXP STATION	7.88	.41	.12			.63	.22			.95	.60				.45		1.41	1.27		.12							1.63					.10	
JONESBORO FIRE TOWER																																	
MARION	7.17	.12				.98				.29	1.32				.52		1.16	.04	1.34								.58					.82	
MONROE FAA AP	9.97					.10	.36	.09		.82	.95				.56		1.80	.76	.10	2.16							1.95					.56	
MONROE NLU	5.25	.18				.25	T			.45	.18				.07		1.34	.24								.25	.31					T	
RUSTON	5.69	2.13	T			.24				.21	.36				.50	.01	.89	.94		.10												.21	
	6.01	.80	.10			1.10	.02			.41	.72				.50		.71	.20		.10							1.14						
RUSTON-LA TECH UNIV																																	
SAILES FIRE TOWER	5.47	.60				1.12	.05			.51	.73				.40		.78	.22		.07							.55					.44	
SPEARSVILLE FIRE TOWER	6.31	.19				.53				.67	.68				.55		1.05	.03	.12	.05							2.06					.38	
STERLINGTON	10.46	.08	.56			.90				1.00	.90				.59		2.58	.66		1.80							2.17					.12	
WINNFIELD 2 W	4.11	.07				.02				.11	.92				.67		1.75	.66									.65					.03	
	4.52	.31	.23			T	1.41	T		.17	.38				.55		.81	.01	T								.65						
WINONA FIRE TOWER	5.79	.35			.03	1.23	.02	T		.16	.61				1.14		.70	.03	.08	.74							.05	.65				T	
NORTHEAST 03																																	
BASTROP	6.04	T	.05			.03				.32	.33				.07		2.39	.03		1.26					.98		.66						
EPPS 3 WNW	5.75	.24				.47				.71	.14				.71		.74	.71		1.53							.08	.86					
LAKE PROVIDENCE	4.95					.06	.05			.05	.55				.70		.78	.72		1.11							.19	.74					
OAK GROVE 2 WSW	5.30									.46	.66				.66		1.37	.64		1.40								.77					
SAINT JOSEPH EXP STA	5.28	.02	T			.12	.23			.95	T				.62	T		.68		.65								2.01					
STEVENSON FIRE TOWER																																	
TALLULAH	6.41					.13	.10	T		.44	.70				.77		1.38	.31		1.40							.54	.87					
WINNSBORO	6.06					.25	.17			1.45					.68		.14	1.01		1.52					.03			.87					
	4.20	.11								1.51					.36	.02	.04	.62		.04							1.00					.98	
WEST CENTRAL 04																																	
ASHLAND	5.03	.25	.15			.49	T	T		.45	1.57				.55		.59	.23		.30					T		.43					.02	
CONVERSE	5.95	.25	.83			.23				.10	.23				.10		.90	.62										.33				.60	
GORUM FIRE TOWER	5.23	1.22	.83			1.19	T			.25	.65				.55		1.22	.06	T						.15	T							
GRAND ECORE	4.10	.65	.10		.74	.28	T			.13	.71				.19		.85	.10	T														
HODGES GARDENS	6.49	.66	1.30			.95				.69					.52		1.84	.10								.09		.32					.12
LEESVILLE																																	
MANT	4.82	T	1.06			.76	.14			.05	.74				.42		.95			.24								.46					
NATCHITOCHES	7.49	.11	.45			.03	3.05	.26	.13	.43	1.00				.53		1.01	.02									.16	.18				.15	
ROSEPIKE EXP STATION	5.24	.75	.84			.07				.11	.87				.27		.83	.11									.09	.61				.02	
SLAGLE	3.83	.03	.65			.01	.56	.02		.44	.38				.48		.93																

DAILY PRECIPITATION

LOUISIANA
MAY 1981

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KENTWOOD	4.54	.16				1.15	.10				.45				.18			.27		.23											2.00		
LIVERPOOL 3 ENE	4.57	.75				1.20	.10				.36				.38			.36		.20											1.22		
LIVINGSTON	5.17	.14				1.88	1				.41				.09					1											2.65		
LSU BEN-HUR EXP STN	4.28	.13				2.36	.12		T		.55				.22	1				.03					1						.87		
DAKNOLIA	5.91	.32				1.85	.79				.61				.34	T			.20												1.80		
PEARL RIVER LOCK 1	2.81	.10				.67	.70				.21				.12					.03	.42										.56		
PINE GROVE FIRE TOWER	8.02	.72				3.70	.14				.50				.42			.17	.10		.60										1.50		
SAINT FRANCISVILLE	5.18	.61	1			2.44	.83				.54				.19					.01											.25		
SHERIDAN FIRE TOWER	3.89					.82	.06				.36				.15			.22		.31											2.20		
SLIDELL W5FO	2.42	.10				1.44	.29				.10	T			.50					.23	.03										.15		
SPRINGVILLE FIRE TOWER	5.15	.12				2.06	.65				.52				.31																.91		
WATSON 3 ENE	4.36	.15				2.09	.05		T		.40				.17					.04											1.45		
ZACHARY 2 ESE	8.55	.51				3.93	1.38		1		.93				.23				.05	1											1.57		
SOUTHWEST 07																																	
ABBEVILLE	4.73		.03			3.80	T				.75				.15					1											1		
CROWLEY EXP STATION	7.35	.19				4.51	.20				.90				.16			1.35		.01											.03		
DE QUINCY 4 N	2.43		.45			.65	.07				.37				.22				.62														
DE RIDDER	3.34	.03	.39			.67	.01				.26				.50				1.15	.01											.05		
ELIZABETH	6.93	.31	.66			2.48	.07				1.04				.40			1.10	.01							.27					.33		
HACKBERRY 8 SW	1.91	.17	.22			.10	.02			.02	.64	.02			.53				.01												.10		
JENNINGS	2.62		.01	T		1.07	.02			T	.44				.40				.61	T													
KINDER 3 W	4.40	.65	.75			.65	1				.50				.50				.40														
LAKE CHARLES 2 N	2.42					.37	1				.81				.25				.82														
LAKE CHARLES W50 AP	5.88			T		.17	.05			.54					.34			.17		.01													
LONGVILLE	2.14	.02	.12			.25	.05				.31				.43				.94	T											1		
MORMENTAU	2.43					1.01	.03			T	.35				.35				.62														
MITTIE 2 SE	4.30		.48			.68	.35				.48				.50				1.16														
OXADALE	7.61		.96			2.95	.25				.95				.33				1.32														
OVERLIN FIRE TOWER	5.02	.51				.05	2.01	.16		T	.56				.47			.80	.01														
ROCKEFELLER WL REFUGE	2.03			1		.79	.15				.65				.35																		
SUGARLOAN	4.58	.04	.45			.78	.04				.33				.48			1.08															
SULPHUR	4.34					.42	.25				1.40				.59			1.39															
VERMILION LOCK	3.48	.12			1	2.55	.05				.66				.10																		
VINTON	4.04					.45					1.04				.49			.94		1						.25						.86	
SOUTH CENTRAL 08																																	
BAYOU SORREL LOCK	8.51	1.08				4.90	.40				.77				.42			.20		.12											.62		
BUTTE LA ROSE	4.22	.25				2.87					.35				.28			.35															
CARVILLE 2 SW	3.69	.04				2.00					.94				.04																		
FRANKLIN 3 NW	4.56	.05				.42	2.04	.01		.02	.44				.05					1.31	.02												
JEANERETTE EXP STN	5.28	.67	.01			3.75	.01				.52				.30	.02				T													
LAFAYETTE FAA AP	3.67	.23		T		1.07	.52	T		.35	.12				.37			T															
MORGAN CITY	5.23	.29				2.50	.05				.49	1			.02					1	1.07												
NEW IBERIA 5 NW	4.26		.37			2.09				.09	.77							.20															
PLAQUEMINE 2 N	6.16	.62				2.70	.12				.52				1.00			1			.40												
SOUTHEAST 09																																	
BOOTHVILLE W5MO CI	1.81				1	1.24					.20							T		.28													
DELTA-BRETON WL REF	3.69	.06				2.57					.03									.38													
DONALDSONVILLE	5.07	.90				2.40					.45				.20																		
GALLIANO	3.85	.60				2.00					.08				.05					.18	.33												
GONZALES	5.62	.10				1.55	.80				.48				.99					.09													
HOUMA	5.15					2.89					.30	.01			.15					.22	1.27												
LOUISIANA NATURE CIR	3.96	.23	.01			1.89	.77	T			.32	.02			.15					.14	.02												
NEW ORLEANS W5MO AP	5.35					2.79	1				.37				.30				1														
N O AOBON W5FO CI	3.10					1.51				.05	.24				.33					.29													
NEW ORLEANS ALGIERS	2.74	.15				1.92					.15				.16					.19													
NEW ORLEANS D P S 14	6.76	.22				1.20	3.18				.12				.40																		
NEW ORLEANS WATER PLT	3.77	.67				2.00					.39				.17					.07													
NEW ORLEANS CITY HALL	3.50	.35				2.06	.02				.33				.24					.11													
NEW ORLEANS D P S 5	4.00	.07				1.96					.21				.20					.07													
NEW ORLEANS D P S 3	2.47	.03				1.82	.06				.15				.15					.05													
NEW ORLEANS D P S 6	3.30	.18				2.00	.10				.33				.22					.10													
PARADIS 7 S	8.21	1.01				4.14	.80				.26				.11					.46													
PLAQUEMINES EXP STA	3.75	.11				2.16					.10				.20					.93													
RESERVE	6.85	.35				2.65	1.25				.45				.45					.10													
SAINT BERNARD	2.70	.07				1.58	.23				.07				.24					.16	.15												
THIBODAUX	4.47	.11				2.00					.36				.22						.68												

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

 LOUISIANA
MAY 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
COTTON VALLEY	MAX MIN	82 66	80 51	79 51	73 53	77 65	72 63	72 54	72 51	73 51	78 54	70 45	76 45	81 49	82 57	75 45	74 46	76 56	88 70	87 60	64 50	75 47	81 47	84 55	86 65	84 65	78 63	83 63	83 63	88 66	88 70	89 67	79.0 56.5
LOGANSPOUT 4 ENE	MAX MIN	82 63	81 55	79 54	74 62	78 66	77 53	77 55	80 53	79 61	74 52	78 42	81 45	83 58	84 59	79 45	77 57	90 70	91 75	90 61	77 52	83 46	84 55	88 65	87 64	86 65	87 64	86 65	91 63	92 71	89 71	89 65	83.0 59.1
MINOEN	MAX MIN	82 64	80 55	79 54	76 57	77 64	72 62	77 55	72 52	77 53	79 53	69 46	76 49	81 51	82 57	74 49	75 54	72 56	89 70	88 60	68 51	76 49	80 49	84 55	87 65	85 67	80 63	83 61	82 64	90 66	88 70	89 66	79.6 57.8
PLAIN DEALING	MAX MIN	82 62	79 53	77 50	74 55	74 62	72 64	75 54	74 49	72 50	76 52	67 45	74 45	78 46	81 55	73 45	72 46	69 56	87 69	86 59	64 50	75 46	81 47	84 53	86 63	82 63	75 61	81 61	82 62	87 64	86 70	85 66	77.7 55.5
REO RIV VALLEY EXP STA	MAX MIN	85 62	82 56	79 53	74 57	75 64	76 63	79 55	76 52	78 53	77 54	73 47	75 48	80 53	82 59	77 51	73 49	87 55	88 60	68 50	77 50	79 50	85 56	88 64	85 64	78 64	85 64	82 65	89 66	88 71	88 66	80.0 57.8	
SHREVEPORT WSO AP	MAX MIN	80 61	77 57	72 55	75 63	79 67	76 61	73 56	77 52	76 58	70 53	75 45	80 48	82 61	74 58	73 50	69 56	88 68	89 66	66 57	75 53	79 49	84 54	87 63	84 64	79 65	94 66	81 63	88 64	87 70	89 68	87 65	79.2 59.2
NORTH CENTRAL 02																																	
BIENVILLE 3 NE	MAX MIN	79 61	78 57	79 50	78 62	76 66	77 59	72 54	80 48	80 59	68 53	85 47	83 47	87 54	77 59	77 47	73 53	91 63	90 69	69 56	77 50	83 46	86 51	88 62	88 65	83 63	81 63	83 62	91 63	90 68	90 70	88 65	81.5 57.8
CALHOUN EXP STATION	MAX MIN	82 61	80 50	78 46	83 56	80 65	79 60	78 55	66 48	79 52	82 55	65 44	75 45	81 51	84 60	77 46	75 54	70 57	89 70	88 62	70 52	75 45	79 48	84 55	87 62	86 65	82 59	83 61	82 61	89 67	89 70	83.0 56.6	
HOMER EXP STATION	MAX MIN	82 63	80 53	76 50	77 54	77 60	75 61	75 60	70 49	75 49	79 54	67 46	75 45	80 46	82 57	74 45	75 42	70 54	87 69	88 59	65 48	75 47	79 48	84 56	86 64	84 64	79 63	82 61	82 61	89 70	88 66	88 66	78.9 55.5
MONROE FAA AP	MAX MIN	81 63	78 58	81 52	84 65	80 68	80 63	65 59	80 55	82 65	68 55	83 52	79 52	86 58	74 59	79 52	86 60	78 64	86 70	71 59	75 55	79 51	84 55	86 64	86 70	85 68	82 68	83 63	92 65	92 73	92 72	83 70	80.5 61.4
MONROE NLU	MAX MIN	81 58	79 53	77 47	81 56	81 62	77 60	78 55	65 49	80 56	65 57	75 46	75 47	79 52	84 59	77 47	73 52	66 56	87 65	88 64	72 53	74 46	77 51	84 58	87 65	87 65	83 60	82 65	91 62	88 70	90 67	79.7 57.0	
RUSTON-LA TECH UNIV	MAX MIN	84 62	80 54	77 50	78 60	77 64	77 59	79 53	68 50	78 56	80 53	66 46	77 46	80 53	84 60	77 48	74 55	80 58	87 73	87 60	69 50	76 48	79 51	84 60	87 64	82 65	80 63	84 62	90 62	90 69	88 69	80.0 57.6	
WINNFIELD 2 W	MAX MIN	81 59	79 51	80 47	78 60	79 66	78 57	73 57	79 48	81 60	73 54	77 44	81 43	86 53	82 59	78 47	75 44	88 67	89 74	83 60	74 53	80 43	84 47	88 58	88 67	82 64	84 65	84 59	91 61	91 68	89 68	82.1 57.1	
NORTHEAST 03																																	
BASTROP	MAX MIN	84 64	81 53	85 52	80 65	83 62	80 61	79 54	77 50	83 51	78 56	75 49	83 49	86 57	85 66	76 50	79 55	87 62	87 74	79 63	77 56	81 48	85 55	86 62	88 64	80 65	84 65	85 61	91 64	91 69	92 69	88 65	83.1 59.2
EPSS 6 WNW	MAX MIN	83 61	81 54	81 52	84 63	85 67	78 60	80 56	83 51	78 58	84 57	67 48	77 48	82 55	87 62	77 51	71 56	70 55	87 69	87 63	70 53	74 50	80 55	86 63	86 70	86 66	85 66	81 61	83 62	91 70	91 72	83 70	81.3 59.5
LAKE PROVIDENCE	MAX MIN	85 64	82 55	81 51	82 56	84 65	77 60	81 56	70 53	82 59	83 59	68 52	75 51	80 57	87 61	78 51	71 55	74 56	87 68	83 64	76 53	75 49	79 49	84 63	84 67	87 66	85 66	80 62	82 62	89 69	92 71	92 71	81.1 59.4
SAINT JOSEPH EXP STA	MAX MIN	84 64	79 58	78 56	80 60	81 65	73 62	77 58	69 56	81 59	83 60	70 49	73 49	80 57	85 66	76 54	73 58	77 57	89 73	90 67	77 56	71 48	79 54	84 63	87 67	87 68	86 65	81 63	83 64	90 71	88 71	91 73	80.6 60.9
TALLULAH	MAX MIN	81 61	79 59	80 53	81 61	84 66	76 61	78 56	67 53	82 61	81 58	67 48	75 48	82 53	87 60	78 49	75 56	68 55	88 66	90 64	76 54	73 47	80 52	85 60	86 69	86 66	85 65	81 61	82 61	91 67	90 70		80.6 58.7
WINNSBORO	MAX MIN	84 58	82 51	82 48	81 62	82 66	72 61	81 57	71 48	81 53	67 59	74 48	79 49	80 53	85 61	78 48	74 54	71 57	87 66	90 66	78 55	73 46	82 51	81 57	87 67	88 66	86 67	83 60	84 63	90 67	89 71	91 72	81.2 58.3
WEST CENTRAL 04																																	
ASHLAND	MAX MIN	81 59	80 58	78 48	78 57	75 64	77 56	75 54	74 47	80 60	75 53	67 42	76 45	80 50	85 60	75 48	73 52	72 56	88 60	87 60	68 50	75 46	79 49	83 59	82 64	85 63	79 63	83 60	81 61	90 62	89 67	89 65	79.3 56.1
CONVERSE	MAX MIN	89 65	80 55	80 53	75 60	73 62	78 62	80 55	74 51	78 54	79 53	71 43	76 43	80 49	81 60	78 48	76 51	77 61	87 63	88 59	70 53	75 46	81 51	80 52	82 53	88 64	80 63	86 63	83 60	89 65	89 69	88 65	80.4 56.1
LEESVILLE	MAX MIN	91 61	82 56	81 54	79 63	75 64	85 60	82 60	80 52	81 57	83 52	73 44	80 45	84 56	87 61	81 50	79 56	80 60	89 75	90 65	76 49	78 47	84 60	85 65	89 65	86 65	83 63	90 65	85 62	92 68	92 73	91 68	83.6 58.9
MANY	MAX MIN	89 60	81 62	80 60	77 52	74 61	83 60	82 56	80 54	83 50	79 45	78 43	83 43	83 52	86 61	78 48	84 53	90 60	71 47	87 73	82 61	85 53	89 50	86 56	86 60	84 63	87 64	86 61	87 68	92 70	91 66		83.0 57.2
NATCHITOCHES	MAX MIN	87 63	79 59	77 55	77 57	73 62	78 62	77 59	73 53	78 57	78 51	68 44	74 50	80 57	85 61	79 54	74 57	74 55	88 70	87 60	74 49	88 51	79 54	83 58	87 64	83 66	79 63	84 66	81 65	91 58	89 72	89 69	78.7 58.7
ROSEPINE EXP STATION	MAX MIN	89 62	82 62	78 57	79 64	74 62	82 60	81 58	78 52	79 58	82 53	72 46	79 46	81 57	85 61	79 53	77 60	81 62	86 72	89 66	75 50	76 49	81 52	83 60	87 65	84 67	83 66	89 65	86 64	92 68	92 71	90 68	82.3 59.9
CENTRAL 05																																	
ALEXANDRIA	MAX MIN	89 61	82 58	81 57	80 61	79 65	77 61	80 60	77 52	80 58	81 57	72 48	77 51	80 56	84 62	78 54	77 58	78 58	87 72	88 70	77 55	72 49	81 55	83 58	86 66	85 68	81 66	87 66	85 65	90 71	90 72	90 73	81.7 60.7
BELAH FIRE TOWER	MAX MIN	89 60	82 56	81 51	82 63	79 65	76 60	78 59	73 50	81 60	81 53	68 47	78 48	76 49	84 56	88 73	77 65	81 56	88 73	89 65	82 56	75 52	81 64	84 63	82 56	86 64	83 66	87 61	87 64	91 63	91 69	91 72	82.0 59.5
BOYCE 3 WNW	MAX MIN	82 64	80 62	78 59	76 65	78 65	79 61	76 60	80 54	80 54	70 61	74 54	81 55	84 51	79 50	77 45	78 57	88 69	89 79	82 54	82 55	86 54	90 58	89 65								80.8 60.5	
BUNKIE	MAX MIN	91 64	81 60	78 60	80 62	83 63	78 64	79 62	81 54	78 56	82 62	72 53	76 54	80 59	84 57	78 55	79 57	80 60	88 71	89 68	81 55	85 63	88 64	85 63	88 64	88 70	82 69	86 69	86 68	92 71	92 71	93 74	82.3 62.3

DAILY TEMPERATURES

LOUISIANA
MAY 1981

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
GRAND COTEAU	MAX MIN	83 64	82 61	83 59	82 65	79 66	77 65	77 61	80 54	82 63	79 60	75 53	81 54	83 59	82 63	80 57	83 63	87 72	86 74	84 73	73 55	82 50	83 57	87 63	86 62	83 69	90 69	90 73	92 72	93 71	93 73	91 70	83.5 63.5	
JONESVILLE LOCKS	MAX MIN	86 65	81 60	80 58	81 61	81 67	77 63	79 61	70 54	80 63	81 60	70 52	75 54	79 56	84 60	79 55	75 55	78 58	88 67	90 67	87 71	57 52	80 53	84 58	85 65	86 67	82 62	84 65	84 66	88 68	89 71	91 71	81.5 60.5	
LSU DEAN LEE EXP STN	MAX MIN	88 63	80 58	79 56	79 61	78 65	79 63	78 62	74 52	79 53	81 57	71 49	75 50	79 55	83 62	77 54	75 59	78 60	87 72	89 70	77 50	71 49	80 53	83 62	86 66	85 66	80 66	85 67	84 66	90 66	90 73	90 74	81.0 60.6	
MAMOU 4 S	MAX MIN	82 70	82 66	83 64	83 67	78 66	78 65	77 64	80 59	83 68	81 67	79 56	79 60	84 63	84 65	80 59	82 66	88 73	88 75	88 75	80 55	84 56	84 61	80 67	88 71	88 70	91 73	90 71	93 71	93 74	93 71	84.5 66.4		
MELVILLE	MAX MIN	90 61	80 57	79 55	83 59	81 64	79 63	78 60	70 52	80 53	82 59	72 50	76 50	80 54	83 61	79 55	83 61	80 63	87 72	89 72	83 54	66 48	80 55	83 61	85 66	85 68	82 68	85 68	86 67	91 69	93 69	91 69	82.0 60.7	
NEW ROADS 5 ESE	MAX MIN	90 61	83 60	79 54	80 60	80 66	78 66	75 60	68 55	61 51	80 64	73 55	75 53	79 58	86 63	80 56	60 48	79 61	78 69	89 72	91 75	86 56	48 38	82 54	83 63	86 65	85 67	82 68	88 66	92 68	93 74	82.2 61.7		
OLD RIVER LOCK	MAX MIN	88 62	80 60	78 60	81 64	84 66	78 65	78 62	69 54	78 55	80 56	71 54	75 53	78 54	83 60	78 57	77 55	78 60	89 69	87 72	82 56	67 51	80 52	82 56	85 63	85 69	83 69	87 67	87 68	91 59	89 69	90 73	81.2 59.6	
OLLA 3 SSW	MAX MIN	87 58	80 51	78 47	81 55	80 64	74 59	78 58	71 47	81 51	80 57	66 44	75 44	80 50	85 57	79 47	74 53	77 55	89 70	90 63	77 55	49 44	80 63	84 55	87 44	79 48	84 55	87 63	88 63	84 65	85 60	91 67	89 66	81.2 56.1
WOODWORTH 2 SE	MAX MIN	80 64	81 58	78 59	79 60	82 61	79 63	78 62	75 53	80 53	80 56	72 51	73 50	82 52	82 62	78 54	75 59	79 60	88 70	88 70	80 54	73 50	82 55	84 63	86 69	86 68	81 67	88 67	92 65	92 68	93 74	81.5 60.9		
EAST CENTRAL	06																																	
AMITE	MAX MIN	89 59	90 57	85 51	83 63	81 63	78 65	76 60	75 55	79 57	82 64	74 49	78 49	82 50	85 54	84 55	81 56	76 60	89 72	90 73	90 56	67 48	85 49	85 53	86 61	87 66	85 69	88 65	89 65	92 67	93 68	92 69	83.7 59.6	
BATON ROUGE WSO AP	MAX MIN	82 62	79 57	80 55	79 62	79 68	75 63	69 61	79 56	82 64	73 55	80 52	80 50	85 56	81 64	79 56	78 61	90 71	89 74	86 60	67 53	81 50	83 55	86 62	86 68	86 69	86 68	92 70	92 69	91 69	86 69	81.9 61.8		
BOGALUSA	MAX MIN	89 60	87 57	81 49	81 52	81 56	76 64	73 62	70 56	80 59	82 60	78 50	77 49	82 53	84 54	86 56	80 53	76 58	87 63	89 68	91 65	69 52	85 50	85 61	88 66	86 66	86 65	88 63	92 63	94 71	94 71	83.2 58.4		
CLINTON 5 SE	MAX MIN	87 59	82 57	78 51	79 50	79 67	76 64	72 59	68 53	81 59	78 62	70 48	75 48	79 53	82 62	74 54	78 59	74 68	88 73	87 55	88 49	65 50	85 50	82 61	85 62	85 64	84 65	86 65	90 65	89 68	88 67	80.4 59.5		
COVINGTON 4 NNW	MAX MIN	85 58	85 57	86 48	80 60	79 65	76 64	75 60	79 53	82 58	78 63	77 47	79 45	82 52	86 62	82 53	80 58	87 67	88 73	88 75	87 56	83 46	83 52	85 58	86 62	85 67	87 68	88 66	91 62	91 66	89 66	83.8 59.8		
FRANKLINTON 3 SW	MAX MIN	86 58	79 53	83 47	82 60	75 66	75 62	73 59	84 55	81 60	79 61	79 48	83 48	85 53	87 61	80 53	74 58	87 66	88 70	93 63	65 52	82 47	84 51	85 56	85 59	84 67	89 68	89 61	94 58	96 69	93 66	90 67	83.5 58.8	
HAMMONO 5 E	MAX MIN	91 59	86 57	81 50	81 51	81 66	77 65	75 60	74 54	80 57	83 59	75 48	77 48	80 52	83 57	85 54	80 58	77 62	88 70	88 74	90 55	68 47	82 51	83 54	84 60	86 61	84 70	87 65	89 65	91 67	91 67	82.8 59.1		
HAMMONO 3 NW	MAX MIN	91 57	83 57	81 48	82 61	80 66	77 64	73 59	74 54	80 59	83 63	77 48	78 47	80 52	83 60	85 53	78 60	88 72	89 74	91 50	68 46	80 50	85 58	85 60	87 64	87 69	84 67	87 64	91 68	91 73	91 66	82.9 59.5		
LSU BEN-HUR EXP STN	MAX MIN	90 62	83 61	82 53	82 62	81 67	83 67	76 61	70 54	82 61	82 54	72 46	76 48	81 54	84 64	83 56	82 62	84 69	91 67	89 75	90 55	68 45	82 52	83 62	88 66	82 67	82 67	87 66	93 66	91 68	92 71	83.2 61.3		
SLIDELL WSO	MAX MIN	87 62	86 59	81 53	82 62	81 69	79 65	75 61	76 57	81 61	83 66	76 50	76 51	79 56	83 63	84 57	79 59	79 64	86 74	88 74	86 58	72 50	84 56	84 61	85 62	85 69	86 71	86 69	89 65	89 72	91 75	92 71	83.0 62.6	
SOUTHWEST	07																																	
CROWLEY EXP STATION	MAX MIN	91 67	83 58	81 60	83 62	74 65	80 64	78 61	72 55	79 60	81 55	72 48	87 54	80 55	82 63	81 57	78 64	80 70	84 73	86 74	84 55	70 51	81 58	81 63	85 68	84 70	83 67	90 66	91 66	90 73	88 73	82.2 62.9		
OE QUINCY 4 N	MAX MIN	92 63	84 62	80 60	82 65	74 57	84 60	82 59	78 55	84 56	83 54	73 44	79 48	82 52	84 56	87 53	80 54	84 60	85 72	88 69	90 51	76 47	83 48	84 58	87 62	86 72	85 65	92 62	93 66	92 70	91 68	84.0 59.1		
OE RIDGER	MAX MIN	88 64	82 61	77 58	79 61	74 62	82 68	80 79	77 58	81 53	82 58	72 45	78 47	81 57	84 61	87 53	79 60	82 61	86 75	89 69	77 52	78 46	84 54	82 61	87 61	83 62	84 66	90 62	91 71	91 69	82.4 60.3			
ELIZABETH	MAX MIN	84 64	81 60	78 58	81 59	75 64	79 66	79 62	76 53	79 58	82 62	72 49	70 50	81 57	84 62	80 53	77 60	82 65	87 70	90 72	79 52	72 46	82 54	84 62	88 64	85 69	82 67	89 63	91 68	92 72	93 74	82.1 61.3		
HACKBERRY B SSW	MAX MIN	86 68	89 68	80 69	79 70	77 63	82 64	83 63	81 62	84 67	79 55	72 48	75 48	78 68	80 63	79 60	81 62	83 68	80 75	83 70	80 47	77 56	80 65	81 71	82 70	81 72	82 67	89 68	89 74	86 76	86 76	81.6 65.7		
JENNINGS	MAX MIN	91 66	87 66	80 66	84 64	76 65	81 66	77 63	75 55	82 56	83 60	71 51	76 52	82 56	80 59	78 58	78 63	86 71	86 74	87 81	72 53	81 55	83 59	87 64	85 59	85 67	91 69	90 67	92 67	92 69	92 73	83.0 62.5		
LAKE CHARLES WSO AP	MAX MIN	87 66	81 66	81 67	76 64	84 65	80 65	81 63	82 57	83 54	74 50	77 49	79 54	83 61	80 63	78 56	82 65	85 73	87 76	82 59	77 51	81 46	82 55	85 60	87 65	82 71	85 70	89 65	89 69	89 74	77 68	82.5 63.9		
OBERLIN FIRE TOWER	MAX MIN	90 65	83 61	80 60	82 65	76 64	76 64	78 62	75 55	80 62	83 55	75 49	78 52	80 58	84 62	81 55	77 63	81 74	85 74	88 72	82 52	75 50	80 55	83 62	87 67	85 67	83 67	90 65	91 67	91 68	91 73	82.5 61.8		

DAILY TEMPERATURES

LOUISIANA
MAY 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MORGAN CITY	MAX MIN	90 65	86 65	82 59	83 61	79 64	80 63	79 61	77 56	81 58	82 61	74 54	76 54	80 57	83 62	82 66	81 63	84 66	85 72	86 73	88 57	72 56	80 55	80 61	85 65	85 65	80 69	85 69	88 69	90 68	89 73	88 74	82.6 63.3
NEW IBERIA 5 NW	MAX MIN	92 61	87 65	89 65	82 66	78 67	83 67	76 61	75 54	77 60	82 62	74 53	76 54	80 56	80 57	83 61	86 61	82 70	85 73	85 75	87 56	72 51	80 60	78 62	87 64	85 68	81 68	91 67	90 69	92 67	93 69	90 70	83.2 63.2
* * *																																	
SOUTHEAST	09																																
BOOTHVILLE WSCMO CI	MAX MIN	83 66	76 65	80 55	81 68	82 67	72 69	76 67	76 65	80 63	78 67	75 60	75 62	80 61	81 68	75 65	79 62	85 68	84 73	80 70	73 65	75 62	80 58	81 67	83 66	83 70	83 71	85 72	86 69	88 74	88 76	86 72	80.3 66.5
DELTA-BRETON WL REF	MAX MIN	81 70	81 69	76 61	80 61	80 65	75 69	76 66	78 67	79 70	76 60	73 62	79 66	76 63	78 66	79 66	76 68	79 69	82 73	82 74	78 66	73 62	75 63	80 67	81 68	83 72	82 69	79 71	81 70	85 69	84 70	84 70	79.1 67.2
CONALOSONVILLE	MAX MIN	88 66	82 64	79 61	80 62	79 67	82 66	78 62	74 60	81 60	82 66	74 54	76 55	81 56	83 60	83 61	80 62	80 71	88 74	88 60	90 59	69 59	80 60	82 61	83 64	85 63	83 70	86 69	88 71	91 70	90 70	88 71	82.4 64.2
GALLIANO	MAX MIN	94 65	88 66	80 57	81 65	81 65	85 67	75 63	80 62	85 62	80 60	78 52	78 52	81 54	84 68	85 61	81 63	81 71	87 75	85 70	87 57	76 55	80 58	83 61	85 65	90 72	83 70	87 72	90 72	91 71	93 72	91 71	84.0 64.3
HOUMA	MAX MIN	89 63	87 66	81 63	81 65	80 66	83 67	76 62	79 59	83 63	82 65	74 52	77 56	81 60	81 66	82 62	81 65	82 68	86 73	86 75	85 57	74 53	79 57	83 67	85 66	87 67	86 72	85 71	89 70	91 72	91 72	89 72	83.1 64.7
LOUISIANA NATURE CTR	MAX MIN	90 65	84 62	82 56	82 66	78 68	82 65	74 64	74 58	81 63	83 63	80 61	76 53	80 57	84 60	86 59	80 60	79 65	89 70	89 73	90 62	72 54	81 56	84 60	87 59	88 67	88 70	87 71	87 66	91 68	91 72	93 70	83.6 63.3
NEW ORLEANS WSCMO AP	MAX MIN	86 67	80 67	83 62	82 69	86 68	76 67	74 66	81 57	85 61	79 64	78 60	79 57	83 64	87 71	79 68	83 68	88 76	90 77	90 71	73 66	82 53	85 63	86 65	88 63	86 73	87 72	89 71	90 68	92 74	92 76	89 68	84.1 65.5
N O AOBON WSFO CI	MAX MIN	85 68	80 66	83 61	82 69	85 70	78 70	76 67	83 63	84 68	82 65	78 63	81 58	83 64	86 71	80 68	84 68	89 76	87 77	88 71	82 66	89 53	84 63	86 70	87 70	86 73	87 74	89 72	92 75	91 76	91 73	84.2 68.6	
PARAOKS 7 S	MAX MIN	86 64	93 61	80 53	79 60	84 65	86 66	75 62	80 68	81 68	82 56	76 54	79 53	80 54	85 55	78 60	81 61	87 71	86 72	85 69	85 57	79 50	81 54	83 68	86 61	82 72	86 69	86 72	91 68	91 72	91 72	88 71	83.6 63.2
PLAQUEMINES EXP STA	MAX MIN	86 68	88 58	88 57	81 65	83 68	82 67	77 65	80 63	84 64	79 64	76 52	78 58	83 58	85 62	83 63	81 63	86 68	88 70	83 69	83 60	79 55	82 59	80 65	89 65	86 72	87 73	88 69	90 70	92 71	92 78	92 75	84.2 64.8
RESERVE	MAX MIN	90 63	84 56	84 58	84 55	80 66	82 65	73 61	74 58	80 58	78 53	82 54	77 54	79 57	82 59	83 59	86 61	84 61	87 59	87 72	88 57	71 53	80 56	83 60	82 62	82 60	84 69	87 70	88 69	91 69	91 69	90 68	83.0 61.3
SAINT BERNARD	MAX MIN	86 63	90 62	81 53	81 65	81 69	82 65	74 62	82 58	82 62	80 67	76 52	81 55	84 58	87 63	86 60	81 58	88 70	89 73	88 74	85 60	80 54	83 56	84 63	89 61	84 74	87 72	87 71	91 66	94 76	92 75	91 72	84.7 64.2
THIBODAUX	MAX MIN	91 65	88 62	86 61	83 63	82 66	85 67	77 62	79 57	82 59	84 67	75 54	79 55	83 58	84 62	82 56	80 60	85 65	89 71	88 74	90 65	75 55	84 56	84 58	88 63	89 64	83 70	89 72	92 68	96 70	95 72	95 73	85.2 63.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

LOUISIANA
MAY 1981

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALHOUN EXP STATION	(1N)	4 MAX MIN	81 71	80 66	83 66	82 66	79 70	76 69	77 67	70 63	78 63	79 67	69 61	77 61	79 62	81 67	79 64	76 63	68 65	81 67	81 71	73 64	77 63	81 63	83 64	84 71	85 73	81 73	81 71	81 71	91 72	92 77	90 76	79.8 67.3
CLINTON 5 SE	(1N)	4 MAX MIN	84 70	79 69	75 65	74 64	73 68	75 70	71 67	70 65	77 64	74 69	73 63	73 62	77 62	77 69	78 67	79 66	71 68	79 69	83 73	88 71	74 65	82 65	84 68	85 72	85 73	85 73	81 72	82 73	85 73	88 75	89 72	79.0 68.5
CROWLEY EXP STATION	(1N)	4 MAX MIN	98 74	91 62	92 62	97 66	78 70	85 71	82 69	80 66	85 65	85 66	88 61	89 62	90 65	89 68	90 68	89 68	82 72	90 75	87 76	95 67	82 65	90 65	90 68	94 70	88 73	84 74	95 77	96 76	103 76	92 78	102 78	89.6 69.4
HAMMOND 5 E	(1N)	4 MAX MIN	92 66	88 67	90 64	86 68	81 71	75 68	74 65	74 62	79 64	81 65	78 59	85 59	88 62	90 69	87 65	90 58	78 70	92 71	90 76	94 68	78 61	90 61	91 66	91 69	92 70	84 73	86 70	87 71	94 74	94 76	86.4 67.0	
HOUMA	(1N)	4 MAX MIN	79 72	82 71	81 71	79 68	74 69	82 69	71 67	80 64	84 65	83 70	74 63	82 62	83 64	82 69	80 70	83 69	77 70	83 72	79 75	77 66	73 62	79 61	83 65	84 68	85 71	- 72	77 72	84 72	90 74	91 74	90 74	81.0 68.7
LSU DEAN LEE EXP STA	(1N)	4 MAX MIN	83 76	80 73	78 72	77 71	75 73	76 74	75 72	75 70	78 69	82 72	73 67	75 66	78 67	80 70	77 70	78 70	74 70	80 73	83 78	82 73	75 69	81 68	83 71	85 74	83 78	79 76	83 76	82 77	87 77	90 80	90 81	79.9 72.7
RED RIV VALLEY EXP STA	(1N)	4 MAX MIN	83 70	85 65	83 63	72 63	71 65	75 68	77 64	78 62	76 62	73 60	69 56	78 56	79 57	75 62	80 68	74 60	68 60	82 67	82 66	71 61	81 60	79 60	79 61	86 66	86 66	76 69	86 69	82 69	87 69	86 72	85 71	78.8 64.1
ROSEPIKE EXP STN	(1N)	4 MAX MIN	91 72	86 66	84 66	78 67	73 66	83 65	81 65	84 63	84 63	83 63	76 58	90 61	90 61	92 65	83 63	88 62	75 66	84 71	90 73	91 64	91 65	93 65	91 66	91 70	85 73	83 71	89 70	88 71	99 71	99 77	98 78	86.9 67.0
SAINT JOSEPH EXP STA	(1N)	4 MAX MIN	80 72	83 69	85 69	81 70	81 71	75 69	74 67	75 66	84 66	81 69	70 60	78 60	84 64	85 69	77 65	80 65	71 68	83 68	86 75	80 68	80 63	84 63	86 69	87 73	85 75	83 73	79 71	82 71	89 72	91 77	92 79	81.6 68.9
WINNSBORO	(1N)	4 MAX MIN	75 70	79 67	81 67	77 67	76 70	71 68	73 67	71 64	80 64	75 67	69 61	75 60	77 61	79 66	77 63	76 62	68 65	74 67	82 72	76 68	75 63	81 62	81 67	80 71	81 75	79 72	81 70	80 70	87 71	90 75	89 77	77.9 67.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

LOUISIANA
MAY 1981

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST 01																																		
REO RIV VALLEY EXP STA	EVAP WIND	.17 25	.15 22	.24 24	.06 39	.03 44	.06 13	.12 10	.19 20	.29 73	.29 105	.16 67	.20 15	.28 72	.29 105	.22 24	.28 79	.24 88	.26 109	.29 83	.14 25	.20 22	.30 48	.32 89	.27 94	.19 29	.19 26	.20 17	.16 39	.26 49	.30 62	.21 70	6.56 1587	
NORTH CENTRAL 02																																		
CALHOUN EXP STATION	EVAP WIND	.24 12	.15 16	.27 17	.15 9	.13 7	.11 8	.20 37	.09 10	.15 5	.19 11	.10 28	.23 18	.20 8	.31 29	.28 45	.23 25	- 28	.18 22	.14 25	.21 75	.21 32	.24 16	.22 8	.20 12	.19 9	.09 12	.19 21	.12 5	.25 12	.24 14	.23 12	5.938 587	
NORTHEAST 03																																		
SAINT JOSEPH EXP STA	EVAP WIND	.05 20	.28 55	.26 28	.22 52	.13 45	.14 73	.14 61	.11 36	.22 35	.24 55	.16 83	.21 34	.25 39	.34 76	.16 62	.26 50	.11 58	.30 79	.31 76	.28 108	.12 38	.21 27	.24 50	.29 55	.20 48	- 51	.16 44	.18 17	.28 39	.30 59	.20 62	6.568 1615	
EAST CENTRAL 06																																		
LSU BEN-HUR EXP STN	EVAP WIND MAX MIN	.21 37 94 62	.23 67 88 63	.28 50 88 62	.27 46 85 65	- 86 80 66	.14 77 93 68	.12 70 80 63	.11 52 78 60	.20 20 94 62	.19 63 88 66	.25 67 84 57	- 33 88 59	.23 22 91 62	.31 65 91 68	.22 39 91 62	.22 90 91 64	.21 50 92 64	.28 70 94 64	.22 77 93 76	.34 76 97 58	.14 48 73 53	- 27 91 53	- 36 92 63	.20 48 95 67	.26 36 94 71	.26 47 82 71	.12 26 96 72	.34 17 97 73	.16 27 102 72	.27 18 102 73	.31 27 102 73	.24 37 102 72	7.018 1523 90.5 64.9
SOUTHEAST 09																																		
HOUMA	EVAP WIND	.16 28	.21 42	.29 50	.24 60	- 72	.37 42	.20 46	.23 42	.36 23	.03 45	.23 63	.29 37	.19 20	.24 32	.14 44	.06 39	.03 68	.11 73	.05 73	.37 49	- 44	- 32	.27 34	.22 37	.20 27	.07 52	.14 35	.22 19	.21 26	.04 41	.08 37	5.818 1332	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
MAY 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
A88EVILLE	0007	07	VERMILION		29 58	92 08	10		8A			CITY OF A88EVILLE
ABITA SPRINGS FIRE TWR	0021	06	ST TAMMANY		30 26	90 03	30		1P			LA DEPT OF NATURAL RES
ALEXANDRIA	0098	05	RAPIDES		31 19	92 28	87	8A	8A		C	ALEXANDRIA POWER PLANT
AMITE	0205	06	TANGIPAHOA		30 43	90 30	180	8A	8A		H	MRS ROBERT S MC CLENDON
ANTIOCH FIRE TOWER	0253	02	CLAIBORNE		32 53	93 00	350		1P		H	STATE DIV OF FORESTRY
ASHLAND	0349	04	NATCHITOCHES		32 07	93 06	225	8A	8A		H	SOLOMON G MARTIN
BAKER	0462	06	E BATON ROUG		30 35	91 10	80		7A			BAKER FIRE DEPT
BASTROP	0537	03	MOREHOUSE		32 47	91 54	140	5P	5P		H	CITY OF BASTROP
BATON ROUGE CENTRAL	0546	06	E BATON ROUG		30 33	91 03	65		8A			E BATON ROUG PARISH
BATON ROUGE WSO AP	R 0549	06	E BATON ROUG		30 32	91 08	64	MID	MID		C HJ	NATL WEATHER SERVICE
BATON ROUGE KLEINPETER	0558	06	E BATON ROUG		30 22	91 01	25		7A			E BATON ROUGE PARISH
BAYOU SORREL LOCK	0565	08	IBERVILLE		30 08	91 19	15		8A		H	U S CORPS OF ENGINEERS
BEAVER FIRE TOWER	0617	05	EVANGELINE		30 48	92 35	105		1P			STATE DIV OF FORESTRY
BE LAH FIRE TOWER	0639	05	LA SALLE		31 38	92 11	200	9A	1P		H	STATE DIV OF FORESTRY
BETHANY	0786	01	CADDO		32 23	94 03	370		8A			NORMAN G ALEXANDER
BIENVILLE 3 NE	0800	02	BIENVILLE		32 22	92 56	307	MID	MID			SOUTHERN NATURAL GAS CO
BOUCAU FIRE TOWER	0920	01	BOSSIER		32 42	93 31	260		1P			STATE DIV OF FORESTRY
BOGALUSA	0945	06	WASHINGTON		30 47	89 52	105	8A	8A		H	CROWN ZELLERBACH CORP
BOOTHVILLE WSCMO CI	1157	09	PLAQUEMINES		29 20	89 24	0	MID	MID		C HJ	NATL WEATHER SERVICE
BOYCE 3 WNW	1232	05	RAPIDES		31 23	92 43	110	MID	MID			CENTRAL LA ELECTRIC CO
BUNKIE	1287	05	AVOYELLES		30 57	92 10	80	8A	8A		H	ROGERS J LACHNEY
BUTTE LA ROSE	1365	08	ST MARTIN		30 17	91 41	5		8A			CLARENCE J HOTARD JR
CALHOUN EXP STATION	1411	02	OUACHITA		32 31	92 20	180	8A	8A		BACGH	L S U NORTH LA EXP STA
CARVILLE 2 SW	1565	08	IBERVILLE		30 12	91 07	25	8A	8A		H	U S PUBLIC HEALTH HOSP
CLINTON	1891	06	E FELICIANA		30 52	91 01	180		8A			KENNETH M CAIN
CLINTON 5 SE	1899	06	E FELICIANA		30 48	90 58	200	8A	8A		CG	LSU IOLEWILD EXP STN
COLUMBIA LOCKS	1979	02	CALDWELL		32 10	92 06	80		8A			U S CORPS OF ENGINEERS
CONVERSE	2023	04	SABINE		31 45	93 42	220	8A	8A		H	WILLIAM R OTT
COTTON VALLEY	2121	01	WEBSTER		32 49	93 25	230	7A	7A		H	MRS RUBY V ALLEN
COVINGTON 4 NNW	2151	06	ST TAMMANY		30 32	90 07	40	5P	5P		C H	ST JO ABBEY-SEMINARY
CROWLEY EXP STATION	2212	07	ACADIA		30 15	92 22	25	8A	8A		GH	L S U RICE EXP STATION
DELTA-BRETON WL REF	2330	09	PLAQUEMINES		29 13	89 16	5	8A	8A		H	DELTA-BRETON NAT WL REF
DENHAM SPRINGS	2350	06	LIVINGSTON		30 28	90 58	35		7A			DENHAM SPRINGS FIRE D
DE QUINCY 4 N	2361	07	BEAUREGARD		30 31	93 26	95	8A	8A		H	LA CORR AND IND SCH
DE RIDDER	2367	07	BEAUREGARD		30 53	93 17	200	8A	8A		H	RADIO STATION KOLA
DONALDSONVILLE	2534	09	ASCENSION		30 07	90 59	40	8A	8A		H	MARIANGE G GUILLOT
ELIZABETH	2800	07	ALLEN		30 52	92 48	150	8A	8A		H	CALCASIEU PAPER CO
EPPS 6 WNW	2971	03	WEST CARROLL		32 37	91 34	99	8A	8A		C H	TRUCKLINE GAS CO
EUNICE	2981	05	ST LANDRY		30 29	92 26	50		7A			ROYNE H FONTENOT
FRANKLIN 3 NW	3313	08	ST MARY		29 49	91 33	12	MID	MID		H	CENTRAL LA ELECTRIC CO
FRANKLINTON 2	3322	06	WASHINGTON		30 51	90 10	145		8A			FRED B ORMAN
FRANKLINTON 3 SW	3327	06	WASHINGTON		30 49	90 11	145	MID	MID		H	SOUTHERN NAT GAS CO
GALLIANO	3433	09	LAFOURCHE		29 26	90 18	2	8A	8A		H	LAFOURCHE PARISH SHER D
GLOSTER 1 W	3657	01	DE SOTO		32 12	93 50	255		7A			MARGARET E JAMISON
GONZALES	3695	09	ASCENSION		30 14	90 54	10		7A		C	CITY OF GONZALES-SEW PL
GORUM FIRE TOWER	3741	04	NATCHITOCHES		31 25	92 54	360		1P		H	STATE DIV OF FORESTRY
GRAND COTEAU	3800	05	ST LANDRY		30 26	92 02	55	5P	5P		H	ST CHARLES COLLEGE
GRAND ECORE	3804	04	NATCHITOCHES		31 48	93 06	150		7A			CLINTON JONES
GRAND ISLE 2	3815	09	JEFFERSON		29 14	90 00	2				C	TOWN OF GRAND ISLE
GREENSBURG	3864	06	ST HELENA		30 50	90 40	225		8A			TOWN OF GREENSBURG
GREENWELL SPRINGS	3867	06	E BATON ROUG		30 34	90 59	60		7A			MRS LAURA L CAMPBELL
GREENWOOD FIRE TOWER	3877	01	CADDO		32 25	94 00	350		1P			STATE DIV OF FORESTRY
HACKBERRY 8 SSW	3979	07	CAMERON		29 53	93 25	6	8A	8A		H	U S FISH-WILDLIFE SERV
HAMMOND 5 E	4030	06	TANGIPAHOA		30 30	90 22	35	8A	8A		G	LSU SE LA HORTICUL STN
HAMMOND 3 NW	4034	06	TANGIPAHOA		30 32	90 29	45	9A	9A		H	LA DEPT OF NATURAL RES
HANNA 3 S	4050	01	RED RIVER		31 54	93 21	125		8A			CHARLES D WOOD
HODGES GARDENS	4288	04	SABINE		31 22	93 23	420		8A			HODGES GARDENS
HOMER EXP STATION	4355	02	CLAIBORNE		32 45	93 04	380	8A	8A		H	N LA HILL FARM EXP STA
HOSSTON	4398	01	CADDO		32 53	93 53	200		8A			THOMAS C GRAVES
HOUMA	4407	09	TERREBONNE		29 35	90 44	15	8A	8A		BA GH	USDA-SUGARCANE FLD STN
JEANERETTE EXP STN	4674	08	IBERIA		29 57	91 43	20	8A	8A		H	LSU IBERIA LIVESTOCK FM
JENNINGS	4700	07	JEFF DAVIS		30 12	92 40	25	8A	8A		C H	DOUGLAS E HOLLIER
JONESBORO FIRE TOWER	4732	02	JACKSON		32 13	92 42	320		1P			LA DEPT OF NATURAL RES
JONESVILLE LOCKS	4739	05	CATAHOULA		31 29	91 51	70	8A	8A		C	U S CORPS OF ENGINEERS
KEITHVILLE	4816	01	CADDO		32 21	93 50	200		7A			MRS OLIVE B HILL
KENTWOOD	4859	06	TANGIPAHOA		30 56	90 31	220		8A			MRS NICK SALADINO
KINDER 3 W	4884	07	ALLEN		30 30	92 54	53		7A			ALEX COURVILLE
KORAN	4931	01	BOSSIER		32 25	93 28	175		8A			UNITED GAS PIPELINE CO
LAFAYETTE	5021	08	LAFAYETTE		30 14	92 03	40				C	CITY OF LAFAYETTE UTIL

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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LOUISIANA
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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
LAFAYETTE FAA AP	5026	08	LAFAYETTE		30 12	91 59	38	MID	MID		H	FAA
LAKE CHARLES 2 N	5074	07	CALCASIEU		30 15	93 13	5		8A			U S CORPS OF ENGINEERS
LAKE CHARLES WSO AP	5078	07	CALCASIEU		30 07	93 13	9	MID	MID		C HJ	NATL WEATHER SERVICE
LAKE PROVIDENCE	5090	03	EAST CARROLL		32 48	91 10	103	8A	8A		H	LA POWER & LIGHT CO
LEESVILLE	5266	04	VERNON		31 09	93 16	240	8A	8A		C H	JAMES M MILLER
LIVERPOOL 3 ENE	5430	06	ST HELENA		30 56	90 38	250		8A			CLIFTON SMITH
LIVINGSTON	5438	06	LIVINGSTON		30 30	90 45	40		8A			JOHNNY SZANYI
LOGANSPOUT 4 ENE	5527	01	DE SOTO		31 59	93 57	210	5P	5P		C H	SOUTHERN NATURAL GAS CO
LONGVILLE	5584	07	BEAUREGARD		30 36	93 14	114		7A			FRED REEVES JR
LOUISIANA NATURE CTR	5610	09	ORLEANS		30 03	89 58	-1	8A	8A			LA NATURE CTR INC
LSU BEN-HUR EXP STN	5620	06	E BATON ROUG		30 22	91 10	21	8A	8A	8A		LSU AGRI EXP STATION
LSU DEAN LEE EXP STN	5630	05	RAPIDES		31 11	92 24	70	8A	8A		G	LSU DEAN LEE AGRI CNTR
MAMOU 4 S	5852	05	EVANGELINE		30 34	92 26	55	5P	5P			TRANSCONTINENTAL G P C
MANSFIELD 3 WSW	5874	01	DE SOTO		32 01	93 44	375		7A		H	BENNETT STRANGE
MANY	5892	04	SABINE		31 34	93 29	260	8A	8A		H	ROBERT R GENTRY
MARION	5908	02	UNION		32 54	92 15	190		8A			TOWN OF MARION
MARKSVILLE	5920	05	AVOYELLES		31 09	92 02	85		8A			TOWN OF MARKSVILLE
MARTIN FIRE TOWER	5935	01	RED RIVER		32 06	93 14	270		1P		C	HERSHEL L CULPEPPER
MELVILLE	6117	05	ST LANDRY		30 41	91 45	30	8A	8A		H	MRS RUTH T HEBERT
MERMENTAU	6142	07	ACADIA		30 11	92 35	16		8A			DENNIS J BROUSSARD
MINDEN	6244	01	WEBSTER		32 35	93 17	185	8A	8A		C H	MUNICIPAL POWER PLANT
MITTIE 2 SE	6271	07	ALLEN		30 42	92 53	120		8A			MRS OLLIE M MAHAFFEY
MONROE FAA AP	6303	02	OUACHITA		32 31	92 03	78	MID	MID		H	FAA
MONROE NLU	6314	02	OUACHITA		32 32	92 04	70	8A	8A		C	NORTHEAST LA UNIVERSITY
MOORINGSPOUT 1 N	6364	01	CADDO		32 42	93 58	200		8A			SOUTHWESTERN ELEC CO
MORGAN CITY	6394	08	ST MARY		29 41	91 11	5	8A	8A		C	U S CORPS OF ENGINEERS
NATCHITOCHES	6582	04	NATCHITOCHES		31 46	93 05	130	8A	8A		C H	MUNICIPAL POWER PLANT
NEW IBERIA 5 NW	6657	08	IBERIA		30 03	91 53	25	8A	8A		H	GULF S RESEARCH INST
NEW ORLEANS WSCMO AP	6660	09	JEFFERSON	R	29 59	90 15	4	MID	MID		C HJ	NATL WEATHER SERVICE
N O ADBON WSFO CI	6664	09	ORLEANS	R	29 55	90 08	6	MID	MID		C H	NATL WEATHER SERVICE
NEW ORLEANS ALGIERS	6666	09	ORLEANS	R	29 56	90 02	2		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 14	6668	09	ORLEANS	R	30 04	89 58	0		12M			SWG AND WATER BOARD
NEW ORLEANS WATER PLT	6669	09	ORLEANS	R	29 57	90 08	22		12M			SWG AND WATER BOARD
NEW ORLEANS CITY HALL	6670	09	ORLEANS		29 57	90 04	5		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 5	6672	09	ORLEANS	R	29 59	90 01	10		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 3	6675	09	ORLEANS	R	29 59	90 04	12		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 6	6679	09	ORLEANS	R	29 59	90 07	0		12M			SWG AND WATER BOARD
NEW ROADS 5 ESE	6686	05	POINTE COUPE		30 41	91 22	45	8A	8A		H	CAJUN ELEC PWR COOP INC
OAKDALE	6836	07	ALLEN		30 49	92 41	110		7A			CREED JONES
OAK GROVE 2 WSW	6866	03	WEST CARROLL		32 51	91 26	110		8A			MRS JESSEE PETERSON
OAKNOLIA	6911	06	E FELICIANA		30 44	90 59	130		7A			PERCY E DREHER
OBERLIN FIRE TOWER	6938	07	ALLEN		30 36	92 47	65	9A	1P		H	LA DEPT OF NATURAL RES
OLD RIVER LOCK	6962	05	POINTE COUPE		31 00	91 40	70	8A	8A		C	U S CORPS OF ENGINEERS
OLLA 3 SSW	6978	05	LA SALLE		31 52	92 16	100	8A	8A		C	UNITED GAS PIPE LINE CO
OPELOUSAS	6995	05	ST LANDRY		30 29	92 04	60		7A			HAROLD L BAQUE
PARADIS 7 S	7096	09	ST CHARLES		29 47	90 26	5	4P	4P		H	RUDOLPH MELANCAN JR
PEARL RIVER LOCK 1	7161	06	ST TAMMANY		30 27	89 47	30		8A			U S CORPS OF ENGINEERS
PINE GROVE FIRE TOWER	7304	06	ST HELENA		30 42	90 45	190		1P			LA DEP OF NAT RESOURCES
PLAIN DEALING	7344	01	BOSSIER		32 54	93 41	291	8A	8A		H	LEON SANDERS JR
PLAQUEMINE 2 N	7366	08	IBERVILLE		30 19	91 14	20		7A			DOW CHEMICAL USA
PLAQUEMINES EXP STA	7368	09	PLAQUEMINES		29 35	89 50	4	4P	4P			LSU PLAQUEMINES P EXP S
PORT ALLEN	7448	05	W BATON ROUG		30 27	91 13	15		8A			CITY-PORT ALLEN SEW PLT
RED RIV VALLEY EXP STA	7738	01	BOSSIER		32 25	93 38	155	8A	8A	8A	BACG	LSU RED RIVER VLY EXP
RESERVE	7767	09	ST JOHN BAPT		30 04	90 34	13	8A	8A		H	GODCHAUX-HENDERSON
ROBSON	7924	01	CADDO		32 21	93 39	160		8A			LSU PECAN EXP STN
ROCKEFELLER WL REFUGE	7932	07	CAMERON		29 44	92 49	4	8A	8A		C	U S FISH & WILDLIFE
RODESSA	7950	01	CADDO		32 58	94 00	200		7A			MRS F M OSBORN
ROSELINE EXP STATION	8046	04	VERNON		30 57	93 17	238	8A	8A		G	LSU WEST LA EXP STN
RUSTON	8065	02	LINCOLN		32 32	92 36	300		8A		C	CITY OF RUSTON
RUSTON-LA TECH UNIV	8067	02	LINCOLN		32 31	92 39	275	8A	8A		H	LA TECH UNIVERSITY
SAILES FIRE TOWER	8094	02	BIENVILLE		32 22	93 08	360		1P			STATE DIV OF FORESTRY
SAINT BERNARD	8108	09	ST BERNARD		29 52	89 50	5	5P	5P			SOUTHERN NATL GAS CO
SAINT FRANCISVILLE	8136	06	W FELICIANA		30 46	91 23	115		7A			ST FRANCISVILLE FIRE D
SAINT JOSEPH EXP STA	8163	03	TENSAS		31 57	91 14	78	8A	8A	8A	BA GH	NE LA EXPERIMENT STA
SHERIDAN FIRE TOWER	8405	06	WASHINGTON		30 51	89 59	330		1P			LA DEPT OF NATURAL RES
SHREVEPORT DOWNTOWN	8436	01	CADDO		32 31	93 45	180		8A			MEDFORD B BENNETT
SHREVEPORT WSO AP	8440	01	CADDO	R	32 28	93 49	254	MID	MID		C HJ	NATL WEATHER SERVICE
SIMMESPORT	8507	05	AVOYELLES		30 59	91 49	50		8A			MRS CARMEN R RABALAIS
SLAGLE	8524	04	VERNON		31 12	93 08	300		8A			MRS MARGIE A HAYMON

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LOUISIANA
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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SLIDELL WSFO	8539	06	ST TAMMANY		30 15	69 46	10	8A	8A		C H	NOAA-NATL WEATHER SERV
SPEARSVILLE FIRE TOWER	8669	02	UNION		32 54	92 34	200		1P		C H	HAROLD L ATWELL
SPRINGHILL	8683	01	WEBSTER		33 00	93 27	250		8A		C	MRS RUTH M MATLOCK
SPRINGVILLE FIRE TOWER	8715	06	LIVINGSTON		30 26	90 39	30		1P		H	LA DEP OF NAT RESOURCES
STERLINGTON	8785	02	OUACHITA		32 43	92 05	60		8A			LA POWER & LIGHT CO
STEVENSON FIRE TOWER	8795	03	MOREHOUSE		32 54	91 58	150		1P			STATE DIV OF FORESTRY
SUGARTOWN	8828	07	BEAUREGARD		30 51	93 01	170		7A			MRS PEARL M MC DONALD
SULPHUR	8831	07	CALCASIEU		30 14	93 23	12		8A			CITY WATER PLANT
TALLULAH	8923	03	MADISON		32 24	91 13	85	8A	8A		H	PEOPLES WATER SERV CO
THIBODAUX	9013	09	LAFOURCHE		29 48	90 49	20	8A	8A			CITY OF THIBODAUX WTR W
VERMILION LOCK	9319	07	VERMILION		29 47	92 12	14	8A	8A		H	U S CORPS OF ENGINEERS
VIDALIA 2	9357	05	CONCORDIA		31 35	91 26	60		8A		C	VIDALIA FIRE DEPT
VINTON	9375	07	CALCASIEU		30 12	93 35	19		8A			TOWN OF VINTON
WATSON 3 ENE	9480	06	LIVINGSTON		30 36	90 54	65		7A			RALPH E CLARK JR
WINNFIELD 2 W	9803	02	WINN		31 56	92 41	160	6P	7A		C H	ESTES 8 BOZEMAN
WINNSBORO	9806	03	FRANKLIN		32 09	91 42	80	8A	8A		CGH	LA DEPT OF NATURAL RES
WINONA FIRE TOWER	9809	02	WINN		32 02	92 39	220		1P			LA DEPT OF NATURAL RES
WOODWORTH 2 SE	9865	05	RAPIDES		31 07	92 28	116	8A	8A			LA DEPT OF NATURAL RES
ZACHARY 2 ESE	9930	06	E BATON ROUG		30 38	91 08	85		8A			MANUEL F RODRIGUEZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SPECIAL WEATHER SUMMARY

May, 1981..Seventh coolest on record and normal rainfall.

The atmospheric circulation patterns over Louisiana changed abruptly from April to May. During April the upper air circulation had been primarily from southwest toward northeast, and there were few opportunities for stormy weather and copious precipitation along the few weak fronts that penetrated southward to Louisiana.

During May, in contrast, a succession of upper-air troughs and ridges migrated from west to east slowly across the southern United States, with the troughs taking four to six days to move from New Mexico to the Atlantic Coast. The upper-air ridges in May are associated with Continental High (CH) weather, sunny, mild, in the daytime and cool at night. The upper-air troughs steer and strengthen low pressure systems at the surface, with the associated weather types Gulf Return (GR) and Frontal Gulf Return (FGR), warm and humid weather, with showers and thunderstorms during FGR weather ahead of an approaching cold front. The resultant weather in May was characterized by record-breaking polar outbreaks with unusually cold overnight temperatures sandwiched between two or three day spells of warm, humid, and rainy weather, with locally heavy rains and flash flooding.

The preliminary analysis of synoptic weather types over southeastern Louisiana, for May, 1981, shows the following frequencies, with the ten year average for 1966-1975 included for comparison. Average frequencies for June are also shown.

Synoptic Weather Type	MAY	
	1981	1966-75
Pacific High (PH)	10	6
Continental High (CH)	24	22
Frontal Overrunning (FOR)	16	12
Coastal Return (CR)	6	11
Gulf Return (GR)	29	26
Frontal Gulf Return (FGR)	12	17
Gulf Tropical Disturbance (GTD)	0	1
Gulf High (GH)	3	5
Continental Index (CH+FOR)	40	34
Tropical Index (GR+FGR+GTD+GH)	44	49
Storminess Index (FOR+FGR+GTD)	28	30

In synoptic weather type terms, the frequencies of weather types during May was very close to average. The succession of ridges and troughs, six ridges and five troughs, produced recurring frontal situations resulting in short but frequent bursts of showers and heavy thunderstorms which helped to alleviate serious drought conditions over most of the state.

The month was the seventh coolest on record (with records dating back to 1888). The preliminary state weighted average temperature for May is 71.2°, which is 2.8° below normal. The other cooler Mays were:

1917/69.0	1907/70.5	1954/69.6
1924/70.7	1931/69.7	1971/71.0

The lowest reported temperature was 42° occurring at Ashland and Logansport on the 11th and at Homer Experiment Station on the 16th. The highest temperature reported was 96° occurring at Thibodaux and Franklinton on the 28th.

The climate divisions having significantly below average temperatures and their rankings are:

Northwest	7th coolest
North Central	5th coolest
Northeast	7th coolest
West Central	ties as 9th coolest
Central	9th coolest

It was the eleventh coolest on record over east central and southwest Louisiana. South central Louisiana experienced its twelfth coolest May on record. The mean monthly temperature was 1.5° below normal over the southeast.

There were a couple of outbreaks of cool continental high weather during May which established several new low temperature records. Two record low temperatures were tied at Baton Rouge with 53° on the 20th and 50° on the 21st. A new record low temperature was established at Shreveport with a 49° reading on the 21st. Lake Charles broke two record low temperatures with 50° on the 11th and 54° on the 12th.

A record low was tied at New Orleans Audubon Park with 59° on the 21st. Three record low temperatures were broken at Monroe NLU with 46° on the 11th, 47° on the 15th and 46° on the 21st.

Normal rainfall during May helped to ameliorate the drought a little. However, the long term deficit in precipitation was still producing below normal levels in ground water over most of the state. The Palmer Drought Index on May 30 reflected the long term rainfall deficit with moderate drought indicated over northwest, central and east central Louisiana. Severe drought was indicated over north central, northeast, west central, southwest and south central Louisiana.

The state weighted average precipitation was 5.53 in, which is .34 in above normal. The highest monthly rainfall was 12.80 in at Greenwood Fire Tower in northeast Louisiana and the greatest 24 hour was 5.31 in of rain on the 5th at Opelousas.

The wettest area was over the northwest, where the divisional average rainfall was about 8 in, which is about 2.5 in above normal and the 9th wettest May on record. Rainfall was about 1.5 in above normal over central Louisiana, and a little above average over north central, northeast, east central, and southeast Louisiana.

The driest area was the southwest, where precipitation averaged 4.10 in or about 1 in below normal. The south central zone was about .5 in below average.

Average upper layer soil moisture at the end of May was adequate over north and central Louisiana with a few areas too wet. Soil moisture in the upper layer was short over most of south, west central, and east central Louisiana.

Soil moisture at Lake Charles fell during most of the month; however, heavy rains on the 31st brought the level up to 5.3 in. At Baton Rouge the soil moisture level rose during the first part of May, but declined during the remainder of the month.

Streamflow and river levels increased during May; however, most of the index streamflow stations of the U.S.G.S. had periods of deficient flow. The Mississ-

SPECIAL WEATHER SUMMARY

ippi River at Vicksburg was about 5.5 feet above normal, 2 feet below normal at New Orleans. The Red River at Alexandria was 4.5 feet below normal (U. S. Army Corps of Engineers normals).

According to the U.S.G.S in Baton Rouge, groundwater monitoring wells in southwest Louisiana reached record-low levels for the month of May. In northern and central Louisiana, water levels in many wells rose slightly in response to May rainfall, but in general were still somewhat below normal spring levels.

Several outbreaks of thunderstorms occurred. There was an above normal amount of thunderstorm days at the National Weather Service in Shreveport. Normally, there are 7 thunderstorm days, but there were 12 during May, 1981. A comparison of May, 1981, thunderstorm days and what normally occurs at first-order weather stations is shown below:

AVERAGE NUMBER OF DAYS WITH THUNDER DURING MAY

<u>STATION</u>	<u>May, 1981</u>	<u>Normal</u>
Shreveport	12	7
Baton Rouge	5	6
Lake Charles	6	7
New Orleans	5	8

There were four main episodes of severe weather: 9th-10th, 13th-14th, 16th-17th, 25th. On the 9th, there was some street flooding in the Shreveport area due to more than 5 inches of rain, and a small tornado did slight damage. There were wind gusts to 60 mph in the Jennings area on the 10th causing tree limbs to be broken off.

On the 13th, there were 2 tornadoes and hail over northern Caddo Parish producing slight damage, and power outages. Several tree limbs were broken in Jennings due to strong winds on the 14th.

On the 16th, there was a tornado reported 9 miles northwest and 12 miles northeast of Farmerville, in Union Parish. A tornado touched down in Jackson, in East Feliciana Parish, on the 25th destroying a house.

Dr. Robert A. Muller, State Climatologist
Department of Geography and Anthropology
LSU, Baton Rouge, LA 70803

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly heating and cooling degree totals are the sums of the negative and positive departures, respectively, of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1953.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:

	Soil Type	Soil Cover	Degree of Slope
Calhoun Exp Station	: Ruston fine sandy loam	Bare	0%
Clinton 5 SE	: Buff Terrace	Bare	0.1% to S
Crowley Exp Station	: Coastal Prairie	Bare	0%
Hammond 5 E	: Fine sandy loam	Bare	0%
Houma	: Moon silt clay loam	Bare	0%
LSU Dean Exp Sta			
Station	: Red River alluvial	Bare	0%
Red River Valley Exp Sta			
Rosepine Exp. Sta	: Fine sandy loam	Bare	0%
Saint Joseph Exp Sta	: Sharkey clay	Bare	0%
Winnsboro	: Bluff Terrace	Bare	0%

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- /i Gage is equipped with a windshield.
- Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

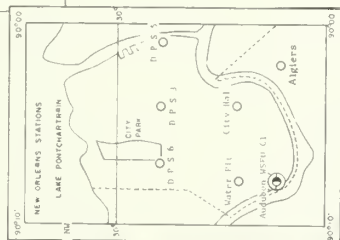
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45¢ single copy; \$1.00 foreign; 45¢ annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801. ATTN: Publications

STATUTE MILES

10 0 10 20 30 40

90TH MERIDIAN TIME ZONE



STATION LEGEND

●	Precipitation only
○	Precipitation, Storage
◐	Precipitation and Temperature
◑	Precipitation, Temperature and Evaporation
Type of gate	○ Non-recording,
● Recording	◐ Both types
◑ Salt Transmitters	

Double circle combinations indicate the availability of more detailed meteorological data.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^{\circ}$ AND $45\frac{1}{2}^{\circ}$

U. S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N. C. 28801

POSTAGE AND FEES PAID
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COM 210



THIRD CLASS
BULK RATE



Climatological Data

LOUISIANA

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	EPPS 6 WNW	100	DATE 24
LOWEST TEMPERATURE:	5 STATIONS	59	DATE 28+
GREATEST TOTAL PRECIPITATION:	KINOE 3 W	20.90	
LEAST TOTAL PRECIPITATION:	MONROE FAA AP	2.47	
GREATEST 1 DAY PRECIPITATION:	KINOE 3 W	6.85	DATE 06

SUPPLEMENTAL DATA

	WIND SPEED - M.P.H.						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION										PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							CENTRAL														
							00	06	12	18											
BATON ROUGE WSO AP	17	2.9	5.8	21++	8	11	92	95	65	72	3	7	4	1	2	0	17	-	6.1		
LAKE CHARLES WSO AP	16	5.7	8.6	35++	19	05	91	93	71	75	2	1	2	5	2	2	14	79	5.7		
NEW ORLEANS WSCMO AP	16	3.6	6.9	21++	33	10	89	91	66	70	2	5	2	1	3	1	14	69	6.6		
SHREVEPORT WSO AP	18	4.0	7.6	25++	30	06	90	96	68	72	5	1	5	1	1	1	14	56	6.0		



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

LOUISIANA
JUNE 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JUNE 1981

STATION	TEMPERATURE											PRECIPITATION										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	TOTAL	SNOW, SLEET		NO. OF DAYS			
									MAX.	MIN.	32° OR BELOW	32° OR ABOVE					MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	100 OR MORE	
OE RIDDER	90.4	71.0	80.7		94 9	67 28+	0	477	22	0	0	0	7.94		2.35	5	.0	0	11	4	4	
ELIZABETH	91.2	72.1	81.7	1.8	96 23	66 1	0	511	24	0	0	0	13.71	8.73	5.85	5	.0	0	9	4	4	
HACKBERRY 8 SSW	88.2	75.2	81.7	1.2	93 19	68 11	0	508	12	0	0	0	13.04	8.67	5.33	11	.0	0	9	4	4	
JENNINGS	90.2	73.0	81.6	.7	95 23+	69 11+	0	505	22	0	0	0	12.34	7.34	3.59	11	.0	0	9	4	4	
LAKE CHARLES WSO AP	88.3	74.1	81.2	.5	91 19+	70 11+	0	495	10	0	0	0	14.42	9.38	4.94	10	.0	0	11	9	4	
OBERLIN FIRE TOWER	90.4	71.8	81.1		95 23	66 6	0	493	22	0	0	0	9.33		3.70	5	.0	0	9	4	4	
ROCKEFELLER WL REFUGE	88.9	74.9	81.9		93 26+	67 1	0	514	16	0	0	0	12.02		3.54	12	.0	0	9	5	5	
VERMILION LOCK	88.9	74.4	81.7		93 19+	70 12+	0	507	14	0	0	0	10.63		3.97	6	.0	0	5	4	4	
DIVISION			81.4	.9									11.37	6.55		.0						
SOUTH CENTRAL 08																						
CARVILLE 2 SW	90.5	73.7	82.1	1.8	98 17	69 12	0	521	21	0	0	0	8.15	3.44	2.30	11	.0	0	11	4	3	
FRANKLIN 3 NW	90.6	74.1M	82.4M	2.2	95 28+	63 3	0	536	21	0	0	0	6.67	.66	2.20	10	.0	0	9	4	3	
JEANERETTE EXP STN	89.2	73.7	81.5		94 23	70 12+	0	500	16	0	0	0	8.93	2.92	4.62	11	.0	0	6	5	3	
LAFALETTE FAA AP	90.3	74.0	82.2	1.7	94 28+	69 10+	0	520	21	0	0	0	8.33	3.72	2.48	10	.0	0	6	5	3	
MORGAN CITY	90.3	73.9M	82.1M	1.0	97 18	71 30+	0	522	18	0	0	0	3.42	- 2.24	1.47	11	.0	0	6	3	1	
NEW IBERIA 5 NW	90.6	72.8	81.7		94 23+	67 11	0	506	21	0	0	0	10.13		2.45	11	.0	0	11	6	6	
DIVISION			82.0	1.6									7.61	2.22		.0						
SOUTHEAST 09																						
BOOTHVILLE WSCMO CI	88.4	76.2	82.3		93 20	70 2+	0	527	11	0	0	0	5.55		3.06	1	.0	0	2	2	2	
DELTA-BRETON WL REF	87.1	75.5	81.3		92 19	70 2	0	496	7	0	0	0	2.71		1.38	25	.0	0	2	2	2	
DOONALOSONVILLE	89.9	74.5	82.2	1.1	96 11+	71 11+	0	521	19	0	0	0	8.77		1.82	23	.0	0	11	6	3	
GALLIANO	92.4	75.2M	83.8M		98 19	70 30+	0	569	24	0	0	0	4.37		1.51	11	.0	0	8	3	1	
HOUMA	90.3	74.7	82.5	2.2	95 19+	71 30+	0	532	19	0	0	0	4.85	- 1.87	1.88	2	.0	0	6	3	2	
LOUISIANA NATURE CTR	90.9	73.8	82.4		95 23+	69 30+	0	527	20	0	0	0	7.06		1.99	26	.0	0	6	4	3	
NEW ORLEANS WSCMO AP	91.9	75.6	83.8	3.4	96 21	70 30	0	570	23	0	0	0	8.47	3.73	3.25	10	.0	0	7	5	4	
N O AOBON WSO CI	90.8	76.9	83.9	2.9	94 21+	72 10+	0	575	23	0	0	0	16.98	10.91	5.76	10	.0	0	15	6	4	
PARADIS 7 S	90.0	73.9	82.0		95 21+	67 2	0	516	18	0	0	0	5.08	- .24	1.97	11	.0	0	7	4	1	
PLAQUEMINES EXP STA	91.6	74.6	83.1		97 21+	67 1	0	549	22	0	0	0	3.74		2.31	1	.0	0	8	1	1	
RESERVE	90.5	73.3	81.9	1.0	96 21	69 1	0	514	20	0	0	0	6.54	1.73	1.76	24	.0	0	8	5	3	
SAINT BERNARD	92.9	73.8	83.4		98 19	67 30+	0	557	26	0	0	0	2.69		1.15	1	.0	0	4	2	1	
THIBODAOUX	93.3	74.4	83.9	3.8	99 19	70 11	0	574	27	0	0	0	10.09	4.20	4.20	11	.0	0	5	4	4	
DIVISION			82.8	2.1									6.68	1.29		.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

LOUISIANA
JUNE 1981

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST 01																																		
BETHANY	7.53	.09	.20	.75	1.33	2.80	1.75	.08			.04	.06														.22		.17						
BODCAU FIRE TOWER	5.82	.72	.15	1.00	.78	1.33	.25	.04				.16	.68															.46						
COTTON VALLEY	5.47	.80	.44		1.14	.75	1.30	.04				.30															.31						.25	
GLOSTER 1 W	10.43	.18		2.62	.65	1.90	1.71	.68				1.03														1.00		.66						
GREENWOOD FIRE TOWER	6.85	.22	.17	.87	1.30	2.04	.20	.25				.64	.08		.10												.54		.44					
HANNA 3 S	6.69	.19	T	2.22	.20			3.42				T	T	.09	.33	T		.08	.13	T		.03		T	T		T		.12	T				
HOUSTON	7.50		.22	2.15	.76	3.12	.12	.05				.26	.09														.15							
KEITHVILLE	6.90	.18	.13	1.17	1.08	1.32	1.48	.07				.16	T	.38				T	.10								.30		.53					
KORAN	5.59			1.32	.52	.35	1.44	.13				.53															1.13							
LOGANSPORT 4 ENE	7.86		1.45	.50	.42	3.02	.50						.10	.10				.14									.29		1.05			.29		
MANSFIELD 3 WSW	7.62		1.37		.99	1.38	2.15	.74						.57														.42						
MARTIN FIRE TOWER	6.72	T	.50	1.10	1.38	1.98	.98	T				.27	T	.12				T										.39						
MINDEN	4.94	.68		.64	2.00	.21	.97	.29						.05														.05						
MODRISPORT 1 N	7.85	.07		1.13	1.44	2.30	1.30	.18						.61														.03						
PLAIN DEALING	5.57			1.45	.81	.61	1.57	.78						.15					.12	.03								.68		.03				
RED RIV VALLEY EXP STA	5.82	.01		1.71	.40	.79	1.57	.01				.45	T	.44														.27		.17				
ROBSON	7.63	.03	.02	2.93	.35	1.08	1.64	.29				.58		.26														.03		.42				
ROBESSA	10.07		.34	1.84	.88	2.25	1.63	.20						.85				1.20	.46									.42						
SHREVEPORT DOWNTOWN	6.88	.06		1.33	1.15	1.57	1.24	.31						.86														.24		.12				
SHREVEPORT WSO AP	6.45	T	.86	1.56	.28	2.28	.42				T	.12		.01	T		T	T							.47		.45							
SPRINGHILL	3.93	.17	.17	.36	.37	.40	1.45	.23	T				.32	.06		.03	.34									T					.03			
NORTH CENTRAL 02																																		
ANTILOC FIRE TOWER	5.82	.28	.16	.53	1.30	.86	1.15	.56					.23												.02	.43	.32							
BIENVILLE 3 NE	2.87	.03		.70	.04	.25	1.02	.32				.06	T	.06													.51							
CALHOUN EXP STATION	4.74	.14	T	1.35	.10	.20	.98	.79					.36	.03	.12				.04	T							.35	.01	.27					
COLUMBIA LOCKS	4.71	.06	1.40		1.49	.15	1.24	.11				.10		.36				.01										.10						
HOMER EXP STATION	5.96		.48	1.35	.33	1.13	.48	.21					.12	.30													.59	.97						
JONESBORO FIRE TOWER	8.21	1.64	.97		.15	1.2	2.24	1.54	.34				.24	T	T												.37	.76	.21					
MARION	2.47	T	.86	T	T	.91	.50							.06	.03										.16	.37							.04	
MONROE FAA AP	2.96	.04		.61	.05	.20	1.00	.59						T														.32						
MONROE NLU	3.71	T		1.20	.20	.50	1.07	.42						T																				
RUSTON	4.27		1.55	.31	.15	1.50	.57							.05														.13					.01	
RUSTON-LA TECH UNIV	7.44		.62	2.02	.85	.97	.94	.66						.27														.53		.04				
SAILES FIRE TOWER	9.17	.63	.80	.91	.16	.38	2.07	.27				1.50		.54														2.03	.42					
STERLINGTON	6.48	.25	T	1.80	.69	.47	1.31	.97	.17				.01	.02	.44				.22									.06						
WINFIELD 2 W	8.56	1.15	.70	2.40	.40	1.38	.03	.41	.20		T	.02	.65				T	.71									.12	T	T					
WINDNA FIRE TOWER	8.56	1.15	.70	2.40	.40	1.38	.03	.41	.20		T	.02	.65				T	.71									.34	.04	.13					
NORTHEAST 03																																		
BASTROP	2.56		.19	.41	.01	.95	.68	.24				.10	.03														.15							
EPDS 6 WNW	3.53	.13	.20		.01	.05	.80	.21					.17	.05														.26						
LAKE PROVIDENCE	3.52	1.03	.55		.24	.08	.36	.25						1.00														.01						
OAK GROVE 2 WSW	3.92	.92	.12		.29	.71	.69	.21					.08	.58														.31		.01				
SAINT JOSEPH EXP STA	3.84	T	T	.84	T	.21	1.00	1.08	.01				.03	.17					.05									.01	.04	.40				
STEVENSON FIRE TOWER	4.76	.71	.58	.42		.48	1.15	1.35				.07	.13	.68														.02		.90				
TALLULAH	8.08	3.20	.50		.05	.63	1.87	.03				T	.87	.68					.07									.02		.90				
WINNSBORO	5.18	.14	1.32		.38	.04	.86	.25	.03				.87						.07									.02		.52			.26	
WEST CENTRAL 04																																		
ASHLAND	5.46		2.23		.73	.40	1.29	T				.09		.45	.55	.05												.06		.06				
CONVERSE	6.78		1.30		.05	2.26	.50							.15	T	T		T	.15									.70		.08				
GORM FIRE TOWER	6.95		1.24	.12	4.00	.03	.30	.25				.11	.15	.15	T	T		T	.15									.45						
HODGES GARDENS	9.64	.16	.03	1.40	.22	2.00	1.55	1.70	.65			.41		.25					.24									.61	T	.42				
LEESVILLE	6.60		.16	.73	.10	2.23	1.11	.04				.77	.12	.13														.51	.49	.21				
MANKY	6.42	.14	2.95		.15	1.68	1.54	.03				.02	.04	.20	.02													.67						
NATCHITOCHES	7.39		2.95		.56	1.23	1.90	.49	T					.49	T													.51		.06				
ROSEBINE EXP STATION	8.01	.02	.34	.87	T	2.73	1.31	.06	.06			1.00	.25	.34														.18	.04	.06	.75		T	
SLAGLE	9.50		.28	.98	.10	3.80	1.35					.10		.50														1.82	.15	.42				
CENTRAL 05																																		
ALEXANDRIA	7.12	.01		.68	.73	.41	2.46	.50					.20	1.10	.01	.01											1.01							
BAKER FIRE TOWER	5.91	T	1.15		.46	1.10	1.72	.70				T	1.85	1.05	.10	T			.22									.70						
BELAH FIRE TOWER	5.91		1.80		.03	1.35	.55					.05	.18	.30	.72	.08																		
BOYCE 3 WNW	5.30	.15	.05	.63	.05	2.01	.24							.30				.30	.71									.76	.33			.01		
BUNKIE	5.92		.15	*	1.30	.06	1.18	.12						.70	.56														.42	1.02		.35		
EUNICE	7.72	1.79		.86	.08	.22	1.93	.24	T					2.14	1.18													.41					.90	
GRAND COTEAU	10.21	4.99	.29	.53	3.00			.07	T			.20	1.49	.40					.27									.76	.01					
GRAND COTEAU LOCKS	7.73		.11	1.46	.66	.22	1.95	.01	1.31				.08	.52					.28									.06	.37	.03	T			

DAILY PRECIPITATION

LOUISIANA
JUNE 1981

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KENTWOOD		.59	.57	.03	.03	.94	.33																	.62		.09							
LIVERPOOL 3 ENE	5.33		.44			1.87	.21					.25	.08	T	T									.55	1.23	.55		15					
LIVINGSTON	7.32		.47	.80		1.74	.18	.18				1.02	1.05	.27	.06									.50	1.03	.02							
LSU BEN-HUR EXP STN	9.16		.28	1.55			.46	.67	1.81			.37	.88	.04										1.73	.24	.54	.26	.23					
MAKNOLIA	7.30		.36	1.37		.08	.02	1.81		.05		.59	.34	.23											.89		.12	1.44					
PEARL RIVER LOCK 1	4.08		.05	.09	.35			.45				.60	.53												.65	.23	.26	.11			.65	.11	
PINE GROVE FIRE TOWER	5.63		.62	.12	.20	.70	.08	1.20	.27	.05	.05	.40	1.00	.08	.18									.20	.23	.10	.15						
SAINT FRANCISVILLE	5.22		.70	.45	.13	.19	.03	1.40	T	.26		.34	.01	.0A											.80	.82	.05	T					
SHERIDAN FIRE TOWER	9.11		3.50	.17	.21	.03		.32	1.97	.10		.38	1.15												.02	.22	.91	.13					
SLIOELL WFO	5.85		.40	.11	.17			T	T	.27		3.38														.19	.10	.07	.22		.79	.15	
SPRINGVILLE FIRE TOWER	7.76		2.15	.29	.06		.27	.97	.07			.63	1.70	.0A	.40												.91	.27					
WATSON 3 ENE	5.26			1.16	T	.11	.01	1.31	.75	T		.68	.30	.34	.01											.50	.05	.04	T				
ZACHARY 2 ESE	4.62			.54		.0A	.02	.70	.A6	.1A		.95	1.41	T												T	.22	.14	T				
SOUTHWEST	07																																
ABBEVILLE	15.12		.80		T	.10	3.55		T			2.95	2.00					2.50							.18	1.50	.03	.17			.30	.06	
CROWLEY EXP STATION	9.42		1.20	.25		.02	1.40		.20			3.90	1.50												.20	.03	.72						
DE QUINCY 4 N	10.84		.56	1.76		1.48	1.80		.01			1.66	.53	.04											1.52	.80	.02	.66					
DE RIDDER	7.94			1.00	.01	2.35	1.50	.03	.27			1.45	.30	.47	.15										.15	.13	.03	.10					
ELIZABETH	13.71		.01			.19	5.85	2.62				1.58	.46	.68					.03							.87	.05	.36					
JACKBERRY 8 SSW	13.04		.51	.19		1.20	2.28	.03				5.33	1.66												.09	.19		.0A			.05	.92	
JENNINGS	12.34		.43	T	.07	.22	2.46	T			T	3.59	2.25	.01	T										.22	1.93	.20	.88			.01		
KINDER 3 W	20.90		.20	.80		4.25	6.85					2.85	1.25		.35										1.85	1.45	.10	.95					
LAKE CHARLES 2 N	14.53		1.87	.45		.03	2.05	1.25				4.20	1.80												1.10	.31	.05	.94			T	.36	
LAKE CHARLES WFO AP	14.42			T	.14	1.57	1.72					A.94	2.32	T					.78	.03					.67	.74	.83	.53			.15		
LONGVILLE	13.32		.03	2.38	.01	3.25	1.90					1.53	.48	.10												.65	.45	1.20	1.18			.12	
MERMENTAU	11.97		.78	.08		.18	1.93		.09			A.60	1.87	T												.13	.17	.05	1.05				
MILLIE 2 SE	12.18		.09	1.60		4.40	2.49	.36				1.07	.54													.AA	.22	.40			.02		
OKADALE	7.77		.71			.78	2.00					1.10	1.05	.42	.03											1.09	.49						
OBERLIN FIRE TOWER	9.33		.05	.47	T	3.70	.05					1.73	.42	.10	.02											1.02	.42	.03	1.17				
ROCKEFELLER HL REFUGE	12.02		1.36	.08		.45	1.38					2.91	3.54		.29											.05	1.37	.03	.42			.0A	
SUGARTOWN	13.66		.64	1.38		.35	4.52	2.60	.99			1.22	.36													.38	.59	.30					
SULPHUR	17.90		1.60	.30		.37	2.29	3.57	T		T	A.45	1.36		.08											1.53	1.52	.23	.51	T			
VERMILION LOCK	10.63		1.77		T	T	3.97					2.55	1.90													T	.08	T	.3A				
VINTON	14.48		.82	1.00		1.34	2.09					5.05	1.52		.45											.91	.86	.37			.07		
SOUTH CENTRAL	08																																
BAYOU SORREL LOCK	7.70		.06	.60		.04	.04	.7A	.16	2.30		2.55	.51	.06													.56	.08					
BUTTE LA ROSE	8.10		.63	1.85		.36	T	1.08	.16	.77	.10	1.42	.64	T												.31	.24	.25	.40	.36			
CARVILLE 2 SW	9.15		.05	.60				.42	.38	1.44		2.20	1.37	.03												.13	.02	.11	.61	.09			
FRANKLIN 3 NW	8.67		.36		T		1.14	.25	.03	.59		4.62	1.66	.01												.04	.12						
JEANERETTE EXP STN	8.93		.06	.03	.05	.06	.01	.6A	T	.59																	.04	.12					
LAFAYETTE FAA AP	8.33		.04	.53			1.70	T	.50			2.48	1.94													.31	.12	.01	.70				
MORGAN CITY	3.42				.01		1.47	.13				1.47	.16													.57	.71	.02	.32	.03			
NEW IBERIA 5 NW	10.13		.20	1.10	.07	T	.10	1.73	.23	1.69		2.45	1.02													.21	1.03	T			.30		
PLAQUEMINE 2 N	6.95		.03	.99		.12		.44	.18	1.12		.48	1.27		.03											1.40	.05	.A6	.16	.30			
SOUTHEAST	09																																
BOOTHVILLE WSCMO CI	5.55		3.06			.03						T	.01													T	2.44	.02				.02	
DELTA-BRETON HL REF	2.71			1.22																						.01	.03	1.38	.04				
DONALDSONVILLE	8.77		.56	.9A		T	42	.67	1.40			1.68	.37	.05												1.82	.18	.23	T	.A5			
GALLIANO	4.37		.10	.18		.27		.05	.06			1.51	.09													.09	.71	.15	.12		.05	.99	
GONZALES	8.89		1.73	.80			.67	1.07				1.10	1.55													.02	.09	.71	.83	.A6			
HOUMA	4.85		.03	1.88	.06	.06	.05	.11	.07	.03		.81	.13						.13							T	.08	.01	.03			1.36	
LOUISIANA NATURE CTR	7.06		1.78	.0A			.06	.85	.01			1.74	.03													.35	T	1.99	.05			.02	
NEW ORLEANS WSCMO AP	8.47		1.30		.07	T		1.05	.18			3.25	.03	T												.45	.03	1.38	.6A	.0A		.05	
N O AOBON WFO CI	16.98		4.31	.07	.11	.20	.17	.28	.71	.03		5.76	.76	.04	.20											2.04	.11	1.36	.05	.35		.22	
NEW ORLEANS ALGIERS	9.10		2.22	.05			.01	.30				.02	3.5																				

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
COTTON VALLEY	MAX MIN	88 68	85 71	87 67	83 67	85 70	77 72	89 71	90 69	91 70	92 79	93 73	86 73	92 75	90 77	92 75	92 71	85 65	86 66	92 70	93 73	93 74	93 75	93 73	94 67	92 68	88 70	89 61	90 63	93 63	94 72	89.6 70.3	
LOGANSPOUT 4 ENE	MAX MIN	89 68	92 70	88 68	85 68	84 72	90 71	90 69	94 70	94 77	96 77	89 69	92 74	96 74	93 78	93 75	93 74	86 69	92 66	93 70	93 73	93 73	93 73	97 73	93 64	90 73	92 69	91 69	92 63	92 63	91 72	91.5 71.0	
MINDEN	MAX MIN	88 68	87 70	86 67	84 67	87 73	82 72	89 72	90 73	92 73	91 79	94 72	87 73	92 76	91 77	93 75	92 73	87 67	87 67	93 69	94 73	94 74	94 74	95 68	96 69	93 69	92 67	90 62	92 63	95 63	95 71	90.7 70.7	
PLAIN DEALING	MAX MIN	87 67	84 68	85 66	82 67	85 70	74 70	86 69	88 67	90 67	90 77	92 71	85 72	90 73	90 75	91 74	91 71	81 63	85 63	90 67	93 69	93 70	92 72	92 71	94 64	91 64	89 60	90 60	89 60	92 60	96 69	88.6 68.1	
RED RIV VALLEY EXP STA	MAX MIN	88 68	88 70	86 68	84 68	86 72	81 72	90 71	90 71	91 72	93 77	93 70	86 72	93 74	91 75	92 74	93 73	89 67	87 67	94 73	96 70	95 73	94 74	95 73	96 67	91 68	91 68	91 65	94 62	94 71	90.8 70.5		
SHREVEPORT WSO AP	MAX MIN	85 67	86 68	84 68	86 68	79 73	90 73	89 72	91 70	92 79	93 75	85 70	91 74	92 75	91 77	92 74	85 73	84 69	91 68	92 72	92 73	92 76	93 74	93 68	91 65	89 72	90 68	89 62	91 65	92 70	93 71	89.4 71.0	
NORTH CENTRAL 02																																	
BIENVILLE 3 NE	MAX MIN	90 68	84 68	85 67	85 69	84 74	89 69	94 68	95 70	96 72	98 77	92 71	95 75	96 74	96 76	96 75	91 68	92 68	96 66	97 72	97 73	97 72	98 74	93 71	93 65	89 72	90 62	92 61	95 61	97 68	97 72	93.0 70.2	
CALHOUN EXP STATION	MAX MIN	87 67	89 70	87 68	83 69	86 72	80 73	90 70	91 71	92 75	92 77	95 70	89 74	90 74	93 74	93 73	93 74	86 67	93 65	95 69	95 74	93 73	94 71	94 71	96 66	91 71	90 59	92 60	92 60	94 67	94 72	90.7 70.2	
HOMER EXP STATION	MAX MIN	88 66	86 69	87 65	83 65	86 70	81 71	88 71	89 69	91 72	92 76	91 70	92 78	92 71	91 75	92 74	92 72	88 65	85 65	92 67	93 73	92 70	93 65	93 65	92 65	92 68	88 59	87 60	91 61	91 60	95 72	89.7 68.6	
MONROE FAA AP	MAX MIN	91 75	91 72	86 71	86 73	81 77	90 75	90 74	85 74	92 79	94 79	87 73	92 78	95 76	96 77	95 78	97 78	98 78	95 70	98 73	94 76	97 71	96 75	98 74	92 72	93 70	93 61	92 64	96 62	95 72	93 74	92.6 73.8	
MONROE NLU	MAX MIN	85 66	90 70	89 68	84 68	85 71	80 74	90 71	89 72	93 73	93 78	95 72	87 71	91 75	92 75	92 75	93 76	91 68	86 66	93 68	95 74	94 74	94 74	95 72	95 68	91 70	90 59	90 60	92 60	95 69	95 71	90.6 70.6	
RUSTON-LA TECH UNIV	MAX MIN	89 66	90 69	85 66	84 68	86 72	84 72	89 67	91 70	94 73	93 75	96 69	89 71	88 74	92 75	92 74	94 73	90 66	88 65	93 73	94 70	96 74	96 72	95 71	95 66	94 69	90 61	91 61	90 61	93 61	93 71	90.9 69.7	
WINNFELD 2 W	MAX MIN	91 64	88 69	87 67	84 69	84 73	88 74	91 61	93 70	94 76	94 77	88 69	91 73	92 73	93 75	93 74	85 72	92 66	92 65	94 71	93 72	94 70	93 72	93 72	90 68	91 74	90 59	90 59	94 69	93 69	93 71	90.9 69.8	
NORTHEAST 03																																	
BASTROP	MAX MIN	88 68	90 72	85 68	82 71	83 74	88 74	91 71	93 72	96 74	98 78	96 72	92 71	93 75	95 78	94 78	95 74	88 67	95 68	97 75	96 74	96 74	96 75	98 73	95 70	94 72	93 61	95 63	96 71	94 70	92.8 71.7		
EPSS 6 WNW	MAX MIN	86 68	90 71	89 68	86 70	87 75	82 77	90 72	89 77	91 77	93 78	96 78	89 75	94 73	95 76	95 75	94 73	92 69	89 68	98 73	98 73	95 73	97 73	100 73	93 70	92 62	94 62	91 62	93 62	96 74	92.3 72.1		
LAKE PROVIDENCE	MAX MIN	88 68	90 70	86 68	85 71	86 74	79 75	88 71	88 72	91 71	94 77	96 72	87 74	92 74	92 76	87 75	93 75	93 68	87 69	92 74	98 74	97 73	97 75	96 71	97 74	95 73	91 67	94 66	91 66	92 74	91.5 72.3		
SAINT JOSEPH EXP STA	MAX MIN	86 71	91 71	91 68	86 72	86 75	80 75	90 71	89 76	91 77	93 73	93 76	88 75	92 75	94 74	94 74	94 70	88 68	92 72	95 74	95 74	95 69	96 75	95 69	94 69	94 74	88 66	89 66	87 66	92 66	93 71	90.9 72.4	
TALLULAH	MAX MIN	86 67	90 70	87 67	86 72	87 73	80 74	91 68	90 73	92 75	93 77	95 70	89 73	92 75	93 72	92 72	92 73	88 68	96 72	96 73	93 72	95 72	95 72	95 68	93 72	91 61	90 61	90 61	93 62	94 71	91.2 70.6		
WINNSBORO	MAX MIN	87 66	92 70	87 68	86 68	85 70	79 75	91 71	91 73	93 74	93 78	94 72	87 73	92 75	93 77	87 75	94 74	94 67	87 67	94 70	96 73	94 74	95 74	98 72	95 68	89 71	92 70	90 61	94 61	96 71	91.4 70.6		
WEST CENTRAL 04																																	
ASHLAND	MAX MIN	88 65	90 66	85 65	85 68	85 72	84 72	83 67	91 68	92 75	92 76	93 69	93 68	93 67	88 67	93 70	91 66	90 64	94 69	94 71	94 70	94 70	93 72	93 71	94 64	90 65	89 68	89 62	91 67	93 68	93 68	90.4 68.5	
CONVERSE	MAX MIN	87 68	89 71	90 67	87 69	82 72	85 72	91 70	91 71	93 77	92 78	93 69	86 70	90 75	92 76	90 76	91 76	89 66	92 66	91 66	93 70	92 72	92 74	93 73	93 64	91 65	91 60	90 61	93 61	92 69	92 70	90.2 70.1	
LEESVILLE	MAX MIN	86 65	91 70	93 69	91 72	85 73	89 74	92 71	90 74	95 77	95 77	94 68	83 69	92 75	93 76	93 77	93 72	88 67	94 70	94 71	94 70	96 71	96 72	96 66	90 69	92 64	93 64	92 65	95 65	94 70	90.0 70.7		
MANY	MAX MIN	91 65	91 68	92 67	90 69	85 72	88 72	93 70	93 71	95 76	94 77	95 70	90 68	92 75	93 76	93 74	95 73	92 67	88 65	93 66	95 71	95 71	95 72	95 72	95 64	91 67	93 67	95 61	91 61	94 63	94 68	92.5 69.6	
NATCHITOCHES	MAX MIN	85 68	89 71	86 70	85 69	81 74	85 74	90 73	87 73	93 76	93 78	92 70	84 72	91 76	90 77	92 76	90 75	84 70	92 74	94 75	93 73	93 74	93 75	92 69	89 72	90 73	85 65	91 66	93 69	92 74	89.5 72.4		
ROSEFINE EXP STATION	MAX MIN	85 66	91 71	90 69	89 70	84 72	86 73	91 71	90 72	95 77	94 72	93 68	80 70	90 74	90 75	90 74	92 72	91 69	88 69	93 72	94 70	94 69	93 72	95 72	93 68	89 69	92 72	91 66	90 67	92 71	92 72	90.6 70.8	
CENTRAL 05																																	
ALEXANDRIA	MAX MIN	84 67	92 70	91 68	88 68	83 75	83 75	90 71	90 74	94 77	93 79	91 69	82 71	90 75	90 77	91 75	91 74	94 69	89 70	94 74	94 74	92 74	93 75	96 74	95 69	87 73	92 67	92 67	93 66	93 72	93 73	90.7 72.3	
BELAH FIRE TOWER	MAX MIN	85 67	93 69	91 68	84 69	87 71	88 74	91 70	91 72	94 74	89 74	90 70	94 69	90 74	92 75	95 73	91 72	91 68	92 68	94 72	95 71	91 72	94 72	95 71	94 66	94 66	91 63	93 63	95 63	95 70	92 70	91.7 70.4	
BOYCE 3 WNW	MAX MIN	89 69	87 69	80 67	87 64	77 71	83 71	82 70	87 72	86 73	85 68	90 71	89 73	92 76	96 76	94 68	85 72	93 70	96 70	98 72	91 68	97 68	97 76	95 72	84 68	85 73	94 70	91 70	94				
BUNKIE	MAX MIN	83 69	94 72	91 70	89 69	85 74	82 76	92 77	92 75	93 78	95 79	93 73	83 72	92 76	93 76	93 74	94 70	88 71	95 75	95 74	95 75	95 74	96 72	95 72	95 74	86 72	92 74	91 70	92 74	94 72	94 73	91.5 72.3	

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GRAND COTEAU	MAX MIN			90 72	88 74	83 75	90 77	91 78	91 77	92 76	91 72	85 70	90 73	91 75	91 76	92 75	93 73	92 71	94 72	93 75	92 71	94 75	93 74	89 70	87 70	91 71	90 73	90 71	92 71	91 71	91 72	90.6 73.2	
JONESVILLE LOCKS	MAX MIN	83 69	89 69	90 69	87 68	84 70	83 74	89 73	90 75	93 76	91 72	91 71	86 73	90 75	91 76	91 76	93 75	91 69	87 69	93 71	95 73	93 73	95 75	95 73	94 70	88 71	87 70	90 68	91 67	90 70	90.1 71.8		
LSU OCEAN LEE EXP STN	MAX MIN	85 67	92 69	92 68	89 69	84 75	84 75	92 73	91 74	93 75	94 78	94 70	82 71	92 75	92 76	93 75	93 72	87 70	94 73	94 70	92 73	93 75	94 72	95 73	84 72	90 74	90 67	91 67	93 70	93 72	90.8 71.9		
MAMOU 4 S	MAX MIN	94 71	92 74	92 72	88 75	84 78	93 77	93 79	93 80	94 79	83 79	91 71	92 71	92 76	92 77	95 77	94 77	94 73	97 75	97 79	97 74	96 75	97 77	88 75	90 72	94 73	96 75	95 76	93 75	93 76	92.9 75.4		
MELVILLE	MAX MIN	89 68	90 67	90 70	85 72	81 74	81 76	91 77	91 77	92 75	93 77	90 69	86 70	87 72	91 76	92 76	93 72	92 72	94 74	93 72	94 74	93 73	94 74	94 71	88 69	85 70	91 72	89 72	90 73	92 72	90.4 72.5		
NEW ROADS 5 ESE	MAX MIN	84 68	89 69	92 70	88 71	85 74	83 76	92 76	92 75	93 76	95 77	92 70	88 73	90 75	91 76	92 76	92 72	94 71	92 72	93 73	96 69	94 73	96 73	96 71	89 68	86 72	92 72	90 72	91 73	89 72	92.5 70.5		
OLD RIVER LOCK	MAX MIN	84 67	89 69	87 69	87 69	85 72	81 76	90 76	90 77	91 77	92 78	90 70	85 71	90 76	90 76	91 76	91 74	91 71	87 72	92 72	93 69	91 71	93 73	94 70	89 68	91 70	92 68	92 71	93 71	91 71	89.7 72.1		
OLLA 3 SSW	MAX MIN	85 63	91 68	92 68	89 69	85 73	83 74	90 71	91 70	93 75	94 77	94 70	87 72	89 71	91 73	92 72	92 70	90 67	95 71	92 72	93 71	94 70	93 70	93 70	94 65	90 69	90 72	89 60	93 59	93 67	90.6 69.4		
WOODWORTH 2 SE	MAX MIN	85 68	88 69	93 68	91 71	84 74	84 74	92 72	92 74	95 74	95 78	87 70	93 75	93 76	92 75	94 73	95 69	89 69	94 72	95 73	95 72	95 73	95 74	93 68	89 72	94 73	92 66	92 66	94 71	94 73	92.0 71.5		
EAST CENTRAL 06																																	
AMITE	MAX MIN	89 70	77 69	91 70	89 72	89 72	90 75	89 77	91 74	93 77	95 78	94 75	94 70	93 75	93 74	93 74	95 72	96 71	98 72	97 73	96 71	94 72	96 73	96 72	85 69	89 70	89 72	93 69	93 68	94 71	89 68	92.0 72.2	
BATON ROUGE WSO AP	MAX MIN	86 68	92 69	90 72	86 73	82 77	91 79	86 76	92 77	92 77	88 72	91 70	92 74	92 75	92 76	93 76	92 73	91 73	92 73	93 75	93 73	94 78	86 74	85 71	90 70	91 71	92 72	87 70	91 71	90.2 73.2			
BOGALUSA	MAX MIN	91 72	81 72	93 69	88 71	90 75	85 76	91 76	87 75	94 75	96 76	93 72	89 73	92 74	93 73	93 73	95 70	94 72	95 72	95 73	97 73	97 71	97 70	91 70	88 70	93 68	92 66	94 66	89 68	92.0 72.3			
CLINTON 5 SE	MAX MIN	85 63	82 68	89 70	87 69	85 73	80 75	88 76	88 74	90 76	91 76	90 74	88 74	90 74	91 73	90 74	91 72	92 70	92 71	93 71	94 70	87 68	85 71	89 69	91 72	91 68	91 65	91 67	88 66	89.1 71.0			
COVINGTON 4 NNW	MAX MIN	84 70	90 70	89 69	88 71	85 72	89 79	89 75	92 73	93 74	92 77	90 70	91 72	90 72	91 72	92 72	95 70	94 72	92 70	95 70	94 70	95 70	96 70	86 69	87 69	85 68	92 67	92 66	91 66	90 66	90.7 71.0		
FRANKLINTON 3 SW	MAX MIN	78 68	89 71	87 69	87 70	84 74	90 76	88 74	94 73	95 75	93 72	92 70	93 71	92 72	90 72	93 73	93 70	91 70	95 71	95 70	96 71	97 71	96 72	98 71	84 69	88 68	92 68	92 65	92 63	90 69	90.9 70.4		
HAMMOND 5 E	MAX MIN	89 69	80 69	90 70	87 71	86 74	82 76	88 75	84 73	92 73	92 75	91 70	90 73	90 75	91 74	92 75	93 74	93 72	93 72	93 72	94 71	93 72	95 72	85 70	88 71	90 71	87 69	92 68	86 68	87 67	89.8 71.8		
HAMMOND 3 NW	MAX MIN	90 69	80 67	91 69	85 70	86 74	82 76	89 75	85 73	90 72	93 75	91 70	89 73	90 73	90 73	91 74	92 73	92 70	93 71	93 70	94 71	95 72	93 70	94 67	88 69	89 70	90 69	92 67	93 67	87 67	89.7 70.9		
LSU BEN-HUR EXP STN	MAX MIN	89 69	87 69	90 72	89 72	85 76	83 76	90 76	87 73	90 74	92 78	90 70	92 74	93 74	94 73	92 70	93 71	91 71	92 72	94 70	95 72	93 74	96 72	95 71	90 70	93 71	92 71	92 70	92 71	88 68	90.9 72.0		
SLIDELL WSO	MAX MIN	90 71	85 72	90 70	89 73	89 79	85 79	91 79	88 74	92 77	94 78	92 70	92 75	93 79	93 78	92 77	93 75	93 73	93 73	94 73	94 75	93 78	95 77	96 73	90 73	88 71	89 71	94 73	94 69	88 73	91.5 74.2		
SOUTHWEST 07																																	
CROWLEY EXP STATION	MAX MIN	80 71	90 78	90 72	90 72	86 76	82 76	88 77	88 76	90 75	90 75	91 69	82 70	88 74	89 75	89 75	91 73	93 73	90 73	95 76	92 72	90 73	92 75	95 72	90 70	86 71	93 73	90 71	90 74	91 73	91 72	89.4 73.4	
OE QUINCY 4 N	MAX MIN	83 66	92 67	92 66	90 66	86 72	88 68	91 69	92 74	94 77	93 76	87 68	77 74	91 75	91 77	92 74	93 71	89 69	95 71	94 69	94 69	90 69	96 70	93 66	93 66	87 68	92 73	92 69	90 70	94 72	91.2 70.4		
OE RIDGER	MAX MIN	85 71	92 70	92 67	90 67	84 68	87 73	91 71	90 72	94 77	93 77	92 76	80 70	89 70	90 75	92 73	91 70	88 75	93 73	93 72	93 72	93 72	93 67	89 67	92 67	89 67	90 67	92 67	92 71	90.4 71.0			
ELIZABETH	MAX MIN	83 66	92 71	92 68	91 70	83 74	86 76	92 74	91 74	94 77	95 78	90 70	80 71	92 75	93 75	90 75	92 73	93 70	89 70	95 74	95 75	95 75	95 74	96 74	95 73	89 70	92 73	92 69	91 67	94 72	95 72	91.2 72.1	
HACKBERRY 8 SSW	MAX MIN	82 71	87 77	88 70	88 74	84 72	84 75	90 76	91 76	88 79	89 79	90 78	84 70	86 74	86 79	87 79	88 74	92 71	93 78	92 70	88 71	90 78	91 76	86 73	80 71	86 73	86 72	87 73	90 77	91 76	89 72	88.2 75.2	
JENNINGS	MAX MIN	79 69	92 70	92 74	91 74	85 75	85 75	92 74	90 76	93 76	93 76	80 69	90 70	90 75	90 75	92 74	92 73	88 73	93 72	93 72	93 72	95 76	95 73	89 70	85 73	92 71	88 71	91 70	93 74	93 74	90.2 73.0		
LAKE CHARLES WSO AP	MAX MIN	88 70	88 75	88 70	84 74	85 75	88 75	90 78	89 78	89 77	90 70	73 73	89 73	89 77	90 74	90 74	91 74	89 74	89 74	90 76	89 76	90 76	86 71	86 71	86 71	89 72	87 73	90 72	89 74	90 73	88.3 74.1		
OBERLIN FIRE TOWER	MAX MIN	84 67	83 68	91 68	90 73	85 66	85 75	91 76	91 75	94 75	93 79	83 68	83 71	89 74	91 74	91 74	88 70	91 71	88 70	92 73	88 71	92 71	93 71	94 74	95 73	92 68	95 73	91 70	92 72	91 72	90.4 71.8		
ROCKEFELLER WL REFUGE	MAX MIN	83 67	88 74	88 76	87 76	84 77	84 75	90 77	91 77	91 78	90 80	90 68	69 78	88 79	88 78	89 78	91 75	93 74	93 74	91 75	91 75	92 77	91 76	92 76	91 76	86 75	93 75	88 72	91 76	89 73	88.9 74.9		
VERMILION LOCK	MAX MIN	85 72	88 72	91 74	87 78	84 79	83 75	89 72	89 73																								

DAILY TEMPERATURES

LOUISIANA
JUNE 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MORGAN CITY	MAX MIN	89 72	90 74	90 72	88 73	86 75	84 74	89 71	89 71	89 71	92 71	93 71	90 73	90 76	89 77	90 78	91 74	94 75	97 77	94 73	93 74	91 76	93 76	94 73	87 73	88 74	87 73	90 72	93 74	92 75	88 71	90.3 73.9	
NEW IBERIA 5 NW	MAX MIN	89 69	90 72	90 75	88 72	89 76	86 74	91 72	90 74	90 70	89 73	92 67	89 69	89 69	90 72	93 74	90 72	94 73	94 77	92 78	92 76	92 78	92 75	94 75	92 70	85 73	89 69	91 70	93 71	92 72	92 76	90.6 72.8	
SOUTHEAST	09																																
BOOTHVILLE WSCMO CI	MAX MIN	85 70	88 70	86 71	88 75	86 76	87 76	87 79	89 78	90 78	89 81	90 75	89 79	88 78	90 75	90 75	89 74	89 76	90 75	91 76	93 78	92 80	92 80	90 80	82 73	87 76	88 74	88 77	90 76	84 78	86 76	88.4 76.2	
DELTA-BRETON WL REF	MAX MIN	83 72	82 70	83 72	85 73	86 74	83 73	82 74	84 75	85 74	85 74	87 75	86 77	88 76	88 78	88 77	88 74	89 76	91 76	92 77	91 80	90 81	89 79	90 77	90 77	87 71	89 75	88 77	89 77	90 78	84 75	87.1 75.5	
DONALDSONVILLE	MAX MIN	90 72	83 71	90 72	89 72	85 73	83 79	86 78	88 74	90 75	96 76	96 71	89 72	90 72	90 79	91 78	92 78	93 76	92 76	94 75	94 74	92 77	92 77	93 74	83 73	89 73	89 75	90 73	90 74	87 72	87 73	89.9 74.5	
GALLIANO	MAX MIN	91 74	91 71	93 75	88 74	86 79	89 76	92 79	92 79	92 76	95 81	94 71	92 76	93 80	92 77	94 76	92 76	94 83	96 74	98 75	96 73	97 74	96 76	95 74	92 77	87 73	93 74	89 72	94 75	93 70	85 70	92.4 75.2	
HOUMA	MAX MIN	89 74	86 71	89 75	88 74	86 76	84 78	89 78	90 77	90 75	92 79	92 72	91 76	91 79	91 77	91 77	92 74	93 74	95 75	95 74	93 73	92 75	94 76	94 72	89 73	89 74	88 73	90 73	92 72	90 74	85 71	90.3 74.7	
LOUISIANA NATURE CTR	MAX MIN	89 70	87 71	92 73	89 74	88 77	86 78	93 78	84 76	91 75	93 76	93 71	91 77	93 76	92 76	92 76	94 74	94 73	94 74	95 75	95 75	94 75	95 75	89 74	87 72	84 73	92 71	90 70	91 69	85 69	90.9 73.8		
NEW ORLEANS WSCMO AP	MAX MIN	89 73	91 73	91 75	89 77	88 80	93 80	89 76	93 76	94 78	94 73	92 75	93 80	93 80	93 79	93 80	93 73	95 77	94 78	95 76	95 76	96 75	95 75	87 74	87 72	90 73	92 74	91 74	93 71	87 70	91 70	91.9 75.6	
N O AOBON WSFO CI	MAX MIN	88 72	91 75	90 77	88 79	87 80	91 81	91 78	93 80	94 78	92 72	91 73	91 80	91 80	92 80	93 80	92 78	93 80	92 79	93 78	94 79	94 79	91 74	84 73	87 73	88 77	93 75	92 76	92 75	86 73	90 73	90.8 76.9	
PARADIS 7 S	MAX MIN	85 70	89 67	88 75	85 74	84 79	90 77	90 75	91 76	92 74	92 78	90 70	90 78	90 79	89 77	90 78	92 72	93 75	94 74	95 76	93 74	95 74	93 73	86 72	86 72	89 72	91 73	91 72	89 70	89 73	89 68	90.0 73.9	
PLAQUEMINES EXP STA	MAX MIN	87 67	91 73	89 74	88 75	87 77	92 78	91 79	92 77	94 76	94 80	93 72	92 78	91 77	92 76	94 76	92 74	94 74	94 74	96 74	97 74	97 74	95 77	89 71	88 74	89 72	90 72	92 75	91 73	88 71	91.6 74.6		
RESERVE	MAX MIN	91 69	88 70	90 73	89 74	87 75	88 73	88 73	88 75	90 75	91 77	92 71	90 75	90 74	90 74	91 75	92 72	92 73	93 75	94 77	95 74	96 73	94 74	95 74	86 70	87 73	88 73	93 73	92 72	90 70	85 70	90.5 73.3	
SAINT BERNARD	MAX MIN	87 70	94 76	91 75	89 74	87 78	95 79	92 76	91 77	96 78	96 80	94 70	94 78	92 78	92 77	95 77	96 72	96 75	96 74	98 75	97 72	96 77	96 74	90 71	85 70	91 69	93 67	92 72	94 68	93 69	90 67	92.9 73.8	
THIBODAUX	MAX MIN	90 73	87 72	92 73	90 76	85 78	94 78	92 79	92 76	93 77	96 78	95 70	93 74	93 77	93 77	93 76	94 73	97 73	98 74	99 75	97 73	97 74	97 74	97 73	90 71	90 73	93 72	93 72	97 74	97 75	86 71	93.3 74.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

LOUISIANA
JUNE 1981

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALHOUN EXP STATION	(1N)	4	MAX MIN	85 76	89 76	86 76	84 76	83 76	79 78	85 77	88 77	89 78	92 80	96 81	92 81	91 81	96 81	96 81	97 83	99 81	95 81	99 83	100 82	99 82	100 83	100 84	100 80	92 80	88 82	91 80	92 80	92 80	93 83	92.3 80.0
CLINTON 5 SE	(1N)	4	MAX MIN	84 76	79 75	84 74	83 75	83 74	78 77	85 77	87 79	88 79	89 80	91 77	87 78	88 79	79 79	80 79	90 79	91 79	93 80	96 80	- 81	94 81	93 82	95 83	86 77	83 76	88 77	88 77	77 76	79 76	90 79	86.5 77.9
CROWLEY EXP STATION	(1N)	4	MAX MIN	83 76	92 76	94 79	94 78	86 80	83 78	93 79	92 79	95 80	95 80	95 77	83 77	95 78	95 79	95 79	96 80	98 81	96 79	95 71	98 81	93 80	94 81	96 81	88 78	86 78	96 78	93 78	92 78	93 78	91 78	92.5 78.5
HAMMONO 5 E	(1N)	4	MAX MIN	96 76	80 73	90 73	86 75	84 76	81 77	88 78	84 76	91 76	95 77	92 75	92 76	92 77	90 78	97 78	100 80	100 80	99 80	101 80	95 78	100 79	100 80	102 80	87 76	90 75	92 76	100 78	101 79	100 79	94 77	93.3 77.3
HOUMA	(1N)	4	MAX MIN	86 75	80 75	84 74	78 76	80 76	81 80	85 78	88 77	86 78	90 78	88 77	84 76	87 78	89 79	91 79	92 79	92 80	94 80	90 80	92 81	92 81	92 81	89 80	84 79	85 79	83 79	86 78	92 80	87 78	79 75	86.9 78.2
LSU OLAN LEE EXP STA	(1N)	4	MAX MIN	86 80	92 79	89 81	90 82	84 81	82 81	88 80	90 82	90 84	91 84	90 82	83 82	88 81	88 82	89 83	90 84	88 83	86 82	90 85	90 89	95 85	90 86	92 86	89 84	86 83	88 83	88 84	89 84	89 82	89 84	88.6 82.8
RED RIV VALLEY EXP STA	(1N)	4	MAX MIN	89 71	90 72	88 72	86 72	85 73	80 72	88 74	88 73	90 74	90 77	93 76	89 75	92 76	89 77	90 77	91 76	95 78	93 72	97 79	98 81	95 82	95 82	96 82	92 78	96 76	91 78	93 76	94 76	96 76	96 81	91.5 75.8
ROSEPIKE EXP STN	(1N)	4	MAX MIN	92 76	92 74	90 78	87 75	82 75	82 75	90 75	91 75	95 79	99 79	97 74	79 74	88 76	88 78	94 78	97 77	99 85	96 84	103 78	102 80	104 80	103 80	103 81	97 75	93 74	99 76	96 74	93 74	100 75	100 78	94.4 76.7
SAINT JOSEPH EXP STA	(1N)	4	MAX MIN	85 79	90 78	89 77	82 76	84 76	79 78	87 78	87 79	90 79	95 80	97 83	91 82	94 81	97 82	97 84	99 85	97 84	93 83	99 85	97 85	98 86	98 86	99 86	100 86	95 90	90 82	92 80	85 79	95 81	98 84	92.6 81.7
WINNSBORO	(1N)	4	MAX MIN	83 74	90 74	85 75	81 74	79 75	77 77	83 77	87 76	87 77	88 79	93 80	85 80	86 80	86 80	90 79	93 81	94 80	88 79	94 78	97 82	94 82	94 81	95 83	95 80	86 79	89 75	89 79	89 75	94 77	95 81	88.9 78.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

LOUISIANA
JUNE 1981

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
RED RIV VALLEY EXP STA	EVAP WIND	.23 48	.19 40	.23 56	.16 40	.15 49	.14 50	.22 48	.24 31	.24 71	.33 103	.24 50	.20 51	.22 66	.30 93	.35 94	.31 74	.25 21	.25 29	.30 39	.35 55	.34 72	.62 78	.30 40	.29 32	.15 32	.28 9	.31 24	.31 27	.31 24	.31 31	7.81 1477	
NORTH CENTRAL 02																																	
CALHOUN EXP STATION	EVAP WIND	.16 10	.21 11	.17 15	.11 12	.09 46	- 0	.16 15	.19 11	.25 22	.30 33	.26 16	.17 8	.16 2	.26 11	.29 9	.24 5	.35 25	.20 5	.26 1	.30 8	.27 11	.30 13	.26 5	.31 8	.21 3	.18 14	.32 17	.29 11	.27 5	.26 6	7.038 358	
NORTHEAST 03																																	
SAINT JOSEPH EXP STA	EVAP WIND	.17 52	.22 49	.22 65	.11 48	.00 28	.15 78	- 55	.17 38	.33 59	.31 87	.36 77	.18 50	.24 61	.34 89	.33 78	.27 56	.22 57	.20 20	.31 19	.29 50	.26 53	.47 92	.12 30	.30 33	.15 15	.25 26	.28 37	.28 24	.28 26	.29 34	7.348 1486	
EAST CENTRAL 06																																	
LSU BEN-HUR EXP STN	EVAP WIND MAX MIN	.14 11 92 74	- 21 93 73	.37 41 100 75	.17 21 95 77	.11 38 89 77	.05 52 84 78	.16 41 97 79	- 35 37 78	.33 37 102 78	.31 50 98 79	.17 33 102 73	.17 18 99 75	.12 30 102 78	.27 33 102 78	.43 27 103 79	.29 18 105 78	.15 8 105 79	.36 12 103 79	.14 9 103 80	.33 22 105 75	.40 32 103 77	.36 22 104 79	- 17 89 75	.15 16 96 74	- 11 96 74	.23 19 103 77	.18 19 102 77	.34 14 102 78	.18 20 102 78	.21 33 96 76	7.068 779 98.8 76.9	
SOUTHEAST 09																																	
HOUMA	EVAP WIND	- 38	- 34	- 31	- 32	.15 57	.13 60	.21 65	.19 49	.18 38	.09 62	.52 52	.23 52	.33 51	.25 50	.23 30	.36 25	.20 13	.27 19	.24 13	.29 18	.26 22	.27 30	.20 20	.12 24	.08 30	.23 16	.25 24	.29 29	.16 19	.08 44	6.108 1047	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
JUNE 1987

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE	0007	07	VERMILION		29 58	92 08	10		8A			CITY OF ABBEVILLE
ABITA SPRINGS FIRE TWR	0021	06	ST TAMMANY		30 26	90 03	30		1P			LA DEPT OF NATURAL RES
ALEXANDRIA	0098	05	RAPIDES		31 19	92 28	87	8A	8A		C	ALEXANDRIA POWER PLANT
AMITE	0205	06	TANGIPAHOA		30 43	90 30	180	8A	8A		H	MRS ROBERT S MC CLENDON
ANTIOCH FIRE TOWER	0253	02	CLAIBORNE		32 53	93 00	350		1P		H	STATE DIV OF FORESTRY
ASHLAND	0349	04	NATCHITOCHES		32 07	93 06	225	8A	8A		H	SOLOMON G MARTIN
BAKER	0462	06	E BATON ROUG		30 35	91 10	80		7A			BAKER FIRE DEPT
BASTROP	0537	03	MOREHOUSE		32 47	91 54	140	5P	5P		H	CITY OF BASTROP
BATON ROUGE CENTRAL	0546	06	E BATON ROUG		30 33	91 03	65		8A			E BATON ROUG PARISH
BATON ROUGE WSO AP	0549	06	E BATON ROUG		30 32	91 08	64	MID	MID		C HJ	NATL WEATHER SERVICE
BATON ROUGE WOODLAWN	0558	06	E BATON ROUG		30 23	91 00	50		7A			ST GEORGE FIRE DEPT
BAYOU SORREL LOCK	0565	08	IBERVILLE		30 08	91 19	15		8A		H	U S CORPS OF ENGINEERS
BEAVER FIRE TOWER	0617	05	EVANGELINE		30 48	92 35	105		1P			STATE DIV OF FORESTRY
BELAH FIRE TOWER	0639	05	LA SALLE		31 38	92 11	200	9A	1P		H	STATE DIV OF FORESTRY
BETHANY	0786	01	CADDO		32 23	94 03	370		8A			NORMAN G ALEXANDER
BIENVILLE 3 NE	0800	02	BIENVILLE		32 22	92 56	307	MID	MID			SOUTHERN NATURAL GAS CO
80DCAU FIRE TOWER	0920	01	BOSSIER		32 42	93 31	260		1P			STATE DIV OF FORESTRY
BOGALUSA	0945	06	WASHINGTON		30 47	89 52	105	8A	8A		H	CROWN ZELLERBACH CORP
BOOTHVILLE WSCMO CI	1157	09	PLAQUEMINES		29 20	89 24	0	MID	MID		C HJ	NATL WEATHER SERVICE
BOYCE 3 WNW	1232	05	RAPIDES		31 23	92 43	110	MID	MID			CENTRAL LA ELECTRIC CO
BUNKIE	1287	05	AVOYELLES		30 57	92 10	80	8A	8A		H	ROGERS J LACHNEY
BUTTE LA ROSE	1365	08	ST MARTIN		30 17	91 41	5		8A			CLARENCE J HOTARD JR
CALHOUN EXP STATION	1411	02	OUACHITA		32 31	92 20	180	8A	8A		BACGH	L S U NORTH LA EXP STA
CARVILLE 2 SW	1565	08	IBERVILLE		30 12	91 07	25	8A	8A		H	U S PUBLIC HEALTH HOSP
CLINTON	1891	06	E FELICIANA		30 52	91 01	180		8A			KENNETH M CAIN
CLINTON 5 SE	1899	06	E FELICIANA		30 48	90 58	200	8A	8A		CG	LSU IDLEWILD EXP STN
COLUMBIA LOCKS	1979	02	CALDWELL		32 10	92 06	80		8A			U S CORPS OF ENGINEERS
CONVERSE	2023	04	SABINE		31 45	93 42	220	8A	8A		H	WILLIAM R OTT
COTTON VALLEY	2121	01	WEBSTER		32 49	93 25	230	7A	7A		H	MRS RUBY V ALLEN
COVINGTON 4 NWN	2151	06	ST TAMMANY		30 32	90 07	40	5P	5P		C H	ST JO ABBEY-SEMINARY
CROWLEY EXP STATION	2212	07	ACADIA		30 15	92 22	25	8A	8A		GH	L S U RICE EXP STATION
DELTA-BRETON WL REF	2330	09	PLAQUEMINES		29 13	89 16	5	8A	8A		H	DELTA-BRETON NAT WL REF
DENHAM SPRINGS	2350	06	LIVINGSTON		30 28	90 58	35		7A			DENHAM SPRINGS FIRE D
DE QUINCY 4 N	2361	07	BEAUREGARD		30 31	93 26	95	8A	8A		H	LA CORR AND IND SCH
DE RIDDER	2367	07	BEAUREGARD		30 53	93 17	200	8A	8A		H	RADIO STATION KOLA
DONALDSONVILLE	2534	09	ASCENSION		30 07	90 59	40	8A	8A		H	MARIANGE G GUILLOT
ELIZABETH	2800	07	ALLEN		30 52	92 48	150	8A	8A		H	CALCASIEU PAPER CO
ELPS 6 WNW	2971	03	WEST CARROLL		32 37	91 34	99	8A	8A		C H	TRUCKLINE GAS CO
EUNICE	2981	05	ST LANDRY		30 29	92 26	50		7A			ROYNE H FONTENOT
FRANKLIN 3 NW	3313	08	ST MARY		29 49	91 33	12	MID	MID		H	CENTRAL LA ELECTRIC CO
FRANKLINTON 2	3322	06	WASHINGTON		30 51	90 10	145		8A			FRED B ORMAN
FRANKLINTON 3 SW	3327	06	WASHINGTON		30 49	90 11	145	MID	MID		H	SOUTHERN NAT GAS CO
GALLIANO	3433	09	LAFOURCHE		29 26	90 18	2	8A	8A		H	LAFOURCHE PARISH SHER D
GLOSTER 1 W	3657	01	DE SOTO		32 12	93 50	255		7A			MARGARET E JAMISON
GONZALES	3695	09	ASCENSION		30 14	90 54	10		7A		C	CITY OF GONZALES-SEW PL
GORUM FIRE TOWER	3741	04	NATCHITOCHES		31 25	92 54	360		1P		H	STATE DIV OF FORESTRY
GRAND COTEAU	3800	05	ST LANDRY		30 26	92 02	55	5P	5P		H	ST CHARLES COLLEGE
GRAND ECORE	3804	04	NATCHITOCHES		31 48	93 06	150		7A			CLINTON JONES
GRAND ISLE 2	3815	09	JEFFERSON		29 14	90 00	2				C	TOWN OF GRAND ISLE
GREENSBURG	3864	06	ST HELENA		30 50	90 40	225		8A			TOWN OF GREENSBURG
GREENWELL SPRINGS	3867	06	E BATON ROUG		30 34	90 59	60		7A			MRS LAURA L CAMPBELL
GREENWOOD FIRE TOWER	3877	01	CADDO		32 25	94 00	350		1P			STATE DIV OF FORESTRY
HACKBERRY 8 SSW	3979	07	CAMERON		29 53	93 25	6	8A	8A		H	U S FISH-WILDLIFE SERV
HAMMOND 5 E	4030	06	TANGIPAHOA		30 30	90 22	35	8A	8A		G	LSU SE LA HORTICUL STN
HAMMOND 3 NW	4034	06	TANGIPAHOA		30 32	90 29	45	9A	9A		H	LA DEPT OF NATURAL RES
HANNA 3 S	4050	01	RED RIVER		31 54	93 21	125		8A			CHARLES O WOOD
HODGES GARDENS	4288	04	SABINE		31 22	93 23	420		8A			HODGES GARDENS
HOMER EXP STATION	4355	02	CLAIBORNE		32 45	93 04	380	8A	8A		H	N LA HILL FARM EXP STA
HOSSTON	4398	01	CADDO		32 53	93 53	200		8A			THOMAS C GRAVES
HOUMA	4407	09	TERREBONNE		29 35	90 44	15	8A	8A		BA GH	USOA-SUGARCANE FLD STN
JEANERETTE EXP STN	4674	08	IBERIA		29 57	91 43	20	8A	8A		H	LSU IBERIA LIVESTOCK FM
JENNINGS	4700	07	JEFF DAVIS		30 12	92 40	25	8A	8A		C H	DOUGLAS E HOLLIER
JONESBORO FIRE TOWER	4732	02	JACKSON		32 13	92 42	320		1P			LA DEPT OF NATURAL RES
JONESVILLE LOCKS	4739	05	CATAHOULA		31 29	91 51	70	8A	8A		C	U S CORPS OF ENGINEERS
KEITHVILLE	4816	01	CADDO		32 21	93 50	200		7A			MRS OLIVE B HILL
KENTWOOD	4859	06	TANGIPAHOA		30 56	90 31	220		8A			MRS NICK SALADINO
KINDER 3 W	4884	07	ALLEN		30 30	92 54	53		7A			ALEX COURVILLE
KORAN	4931	01	BOSSIER		32 25	93 28	175		8A			UNITED GAS PIPELINE CO
LAFAYETTE	5021	08	LAFAYETTE		30 14	92 03	40				C	CITY OF LAFAYETTE UTIL

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
JUNE 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
LAFAYETTE FAA AP	5026	08	LAFAYETTE		30 12	91 59	38	MID	MID		H	FAA
LAKE CHARLES 2 N	5074	07	CALCASIEU		30 15	93 13	5		8A			U S CORPS OF ENGINEERS
LAKE CHARLES WSO AP	5078	07	CALCASIEU		30 07	93 13	9	MID	MID		C H J	NATL WEATHER SERVICE
LAKE PROVIDENCE	5090	03	EAST CARROLL		32 48	91 10	103	8A	8A		H	LA POWER & LIGHT CO
LEESVILLE	5266	04	VERNON		31 09	93 16	240	8A	8A		C H	JAMES M MILLER
LIVERPOOL 3 ENE	5430	06	ST HELENA		30 56	90 38	250		8A			CLIFTON SMITH
LIVINGSTON	5438	06	LIVINGSTON		30 30	90 45	40		8A			JOHNNY SZANYI
LOGANSPOUT 4 ENE	5527	01	DE SOTO		31 59	93 57	210	5P	5P		C H	SOUTHERN NATURAL GAS CO
LONGVILLE	5584	07	BEAUREGARD		30 36	93 14	115		7A			FRED REEVES JR
LOUISIANA NATURE CTR	5610	09	ORLEANS		30 03	89 58	-1	8A	8A			LA NATURE CTR INC
LSU BEN-HUR EXP STN	5620	06	E BATON ROUG		30 22	91 10	21	8A	8A	8A		LSU AGRI EXP STATION
LSU DEAN LEE EXP STN	5630	05	RAPIDES		31 11	92 24	70	8A	8A		G	LSU DEAN LEE AGRI CNTR
MAMOU 4 S	5852	05	EVANGELINE		30 34	92 26	55	5P	5P			TRANSCONTINENTAL G P C
MANSFIELD 3 WSW	5874	01	DE SOTO		32 01	93 44	375		7A		H	BENNETT STRANGE
MANY	5892	04	SABINE		31 34	93 29	260	8A	8A		H	ROBERT R GENTRY
MARION	5908	02	UNION		32 54	92 15	190		8A			TOWN OF MARION
MARKSVILLE	5920	05	AVOUELLES		31 09	92 02	85		8A			TOWN OF MARKSVILLE
MARTIN FIRE TOWER	5935	01	RED RIVER		32 06	93 14	270		1P		C	HERSHEL L CULPEPPER
MELVILLE	6117	05	ST LANDRY		30 41	91 45	30	8A	8A		H	MRS RUTH T HEBERT
MERMENTAU	6142	07	ACADIA		30 11	92 35	16		8A			DENNIS J BROUSSARD
MINDEN	6244	01	WEBSTER		32 35	93 17	185	8A	8A		C H	MUNICIPAL POWER PLANT
MITTIE 2 SE	6271	07	ALLEN		30 42	92 53	120		8A			MRS OLLIE M MAHAFFEY
MONROE FAA AP	6303	02	OUACHITA		32 31	92 03	78	MID	MID		H	FAA
MONROE NLU	6314	02	OUACHITA		32 32	92 04	70	8A	8A		C	NORTHEAST LA UNIVERSITY
MOORINGSPOUT 1 N	6364	01	CADDO		32 42	93 58	200		8A			SOUTHWESTERN ELEC CO
MORGAN CITY	6394	08	ST MARY		29 41	91 11	5	8A	8A		C	U S CORPS OF ENGINEERS
NATCHITOCHES	6582	04	NATCHITOCHES		31 46	93 05	130	8A	8A		C H	MUNICIPAL POWER PLANT
NEW IBERIA 5 NW	6657	08	IBERIA		30 03	91 53	25	8A	8A			GULF S RESEARCH INST
NEW ORLEANS WSCMO AP	6660	09	JEFFERSON	R	29 59	90 15	4	MID	MID		C H J	NATL WEATHER SERVICE
N O ADBON WSO CI	6664	09	ORLEANS	R	29 55	90 08	6	MID	MID		C H	NATL WEATHER SERVICE
NEW ORLEANS ALGIERS	6666	09	ORLEANS	R	29 56	90 02	2		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 14	6668	09	ORLEANS	R	30 04	89 58	0		12M			SWG AND WATER BOARD
NEW ORLEANS WATER PLT	6669	09	ORLEANS	R	29 57	90 08	22		12M			SWG AND WATER BOARD
NEW ORLEANS CITY HALL	6670	09	ORLEANS		29 57	90 04	5		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 5	6672	09	ORLEANS	R	29 59	90 01	10		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 3	6675	09	ORLEANS	R	29 59	90 04	12		12M			SWG AND WATER BOARD
NEW ORLEANS D P S 6	6679	09	ORLEANS	R	29 59	90 07	0		12M			SWG AND WATER BOARD
NEW ROADS 5 ESE	6686	05	POINTE COUPE		30 41	91 22	45	8A	8A		H	CAJUN ELEC PWR COOP INC
OAKDALE	6836	07	ALLEN		30 49	92 41	110		7A			CREED JONES
OAK GROVE 2 WSW	6866	03	WEST CARROLL		32 51	91 26	110		8A			MRS JESSEE PETERSON
OAKNOLIA	6911	06	E FELICIANA		30 44	90 59	130		7A			PERCY E DREHER
OBERLIN FIRE TOWER	6938	07	ALLEN		30 36	92 47	65	9A	1P		H	LA DEPT OF NATURAL RES
OLD RIVER LOCK	6962	05	POINTE COUPE		31 00	91 40	70	8A	8A		C	U S CORPS OF ENGINEERS
OLLA 3 SSW	6978	05	LA SALLE		31 52	92 16	100	8A	8A		C	UNITED GAS PIPE LINE CO
OPELOUSAS	6995	05	ST LANDRY		30 29	92 04	60		7A			HAROLD L BAQUE
PARADIS 7 S	7096	09	ST CHARLES		29 47	90 26	5	4P	4P		H	RUDOLPH MELANCAN JR
PEARL RIVER LOCK 1	7161	06	ST TAMMANY		30 27	89 47	30		8A			U S CORPS OF ENGINEERS
PINE GROVE FIRE TOWER	7304	06	ST HELENA		30 42	90 45	190		1P			LA DEP OF NAT RESOURCES
PLAIN DEALING	7344	01	BOSSIER		32 54	93 41	291	8A	8A		H	LEON SANDERS JR
PLAQUEMINE 2 N	7366	08	IBERVILLE		30 19	91 14	20		7A			DOW CHEMICAL USA
PLAQUEMINES EXP STA	7368	09	PLAQUEMINES		29 35	89 50	4	4P	4P			LSU PLAQUEMINES P EXP S
PORT ALLEN	7448	05	W BATON ROUG		30 27	91 13	15		8A			CITY-PORT ALLEN SEW PLT
RED RIV VALLEY EXP STA	7738	01	BOSSIER		32 25	93 38	155	8A	8A	8A C G		LSU RED RIVER VLY EXP
RESERVE	7767	09	ST JOHN 8APT		30 04	90 34	13	8A	8A		H	GODCHAUX-HENDERSON
ROBSON	7924	01	CADDO		32 21	93 39	160		8A			LSU PECAN EXP STN
ROCKEFELLER WL REFUGE	7932	07	CAMERON		29 44	92 49	4	8A	8A		C	U S FISH & WILDLIFE
RODESSA	7950	01	CADDO		32 58	94 00	200		7A			MRS F M OSBORN
ROSEFINE EXP STATION	8046	04	VERNON		30 57	93 17	238	8A	8A		G	LSU WEST LA EXP STN
RUSTON	8065	02	LINCOLN		32 32	92 36	300		8A		C	CITY OF RUSTON
RUSTON-LA TECH UNIV	8067	02	LINCOLN		32 31	92 39	275	8A	8A		H	LA TECH UNIVERSITY
SAILES FIRE TOWER	8094	02	BIENVILLE		32 22	93 08	360		1P			STATE DIV OF FORESTRY
SAINT BERNARD	9108	09	ST BERNARD		29 52	89 50	5	5P	5P			SOUTHERN NATL GAS CO
SAINT FRANCISVILLE	8136	06	W FELICIANA		30 46	91 23	115		7A			ST FRANCISVILLE FIRE D
SAINT JOSEPH EXP STA	8163	03	TENSAS		31 57	91 14	78	8A	8A	8A GH		NE LA EXPERIMENT STA
SHERIDAN FIRE TOWER	8405	06	WASHINGTON		30 51	89 59	330		1P			LA DEPT OF NATURAL RES
SHREVEPORT DOWNTOWN	8436	01	CADDO		32 31	93 45	180		8A			MEDFORD B BENNETT
SHREVEPORT WSO AP	8440	01	CADDO	R	32 28	93 49	254	MID	MID		C H J	NATL WEATHER SERVICE
SIMMESPORT	8507	05	AVOUELLES		30 59	91 49	50		8A			MRS CARMEN R RABALAIS
SLAGLE	8524	04	VERNON		31 12	93 08	300		8A			MRS MARGIE A HAYMON

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
JUNE 1981

STATION	INDEX NO	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SLIDELL WSFO	8539	06	ST TAMMANY		30 15	89 46	10	8A	8A		C H	NOAA-NATL WEATHER SERV
SPEARSVILLE FIRE TOWER	8669	02	UNION		32 54	92 34	200		1P		C H	HAROLD L ATWELL
SPRINGHILL	8683	01	WEBSTER		33 00	93 27	250		8A		C	MRS RUTH M MATLOCK
SPRINGVILLE FIRE TOWER	8715	06	LIVINGSTON		30 26	90 39	30		1P		H	LA DEP OF NAT RESOURCES
STERLINGTON	8785	02	OUACHITA		32 43	92 05	60		8A			LA POWER & LIGHT CO
STEVENSON FIRE TOWER	8795	03	MOREHOUSE		32 54	91 58	150		1P			STATE DIV OF FORESTRY
SUGARTOWN	8828	07	BEAUREGARD		30 51	93 01	170		7A			MRS PEARL M MC DONALD
SULPHUR	8831	07	CALCASIEU		30 14	93 23	12		8A			CITY WATER PLANT
TALLULAH	8923	03	MADISON		32 24	91 13	85	8A	8A		H	PEOPLES WATER SERV CO
THIBODAUX	9013	09	LAFOURCHE		29 48	90 49	20	8A	8A			CITY OF THIBODAUX WTR W
VERMILION LOCK	9319	07	VERMILION		29 47	92 12	14	8A	8A		H	U S CORPS OF ENGINEERS
VIDALIA 2	9357	05	CONCORDIA		31 35	91 26	60		8A		C	VIDALIA FIRE DEPT
VINTON	9375	07	CALCASIEU		30 12	93 35	19		8A			TOWN OF VINTON
WATSON 3 ENE	9480	06	LIVINGSTON		30 36	90 54	65		7A			RALPH E CLARK JR
WINNFIELD 2 W	9803	02	WINN		31 56	92 41	160	6P	7A		C H	ESTES B BOZEMAN
WINNSBORO	9806	03	FRANKLIN		32 09	91 42	80	8A	8A		CGH	LA DEPT OF NATURAL RES
WINONA FIRE TOWER	9809	02	WINN		32 02	92 39	220		1P			LA DEPT OF NATURAL RES
WOODWORTH 2 SE	9865	05	RAPIDES		31 07	92 28	116	8A	8A			LA DEPT OF NATURAL RES
ZACHARY 2 ESE	9930	06	E BATON ROUG		30 38	91 08	85		8A			MANUEL F RODRIGUEZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly heating and cooling degree totals are the sums of the negative and positive departures, respectively, of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 noon c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for January 1953.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURE TABLE:

	Soil Type	Soil Cover	Degree of Slope
Calhoun Exp Station	: Ruston fine sandy loam	Bare	0%
Clinton 5 SE	: Buff Terrace	Bare	0.1% to S
Crowley Exp Station	: Coastal Prairie	Bare	0%
Hammond 5 E	: Fine sandy loam	Bare	0%
Houma	: Moon silt clay loam	Bare	0%
LSU Dean Exp Sta			
Station	: Red River alluvial	Bare	0%
Red River Valley Exp Sta			
Rosepine Exp. Sta	: Fine sandy loam	Bare	0%
Saint Joseph Exp Sta	: Sharkey clay	Bare	0%
Winnsboro	: Bluff Terrace	Bare	0%

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

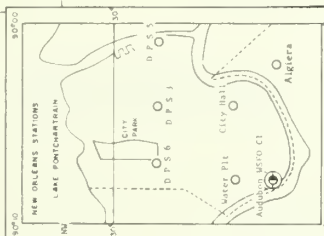
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45¢ single copy; \$1.00 foreign; 45¢ annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
ATTN: Publications

LOUISIANA

STATUTE MILES
0 10 20 30 40
90TH MERIDIAN TIME ZONE

- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - Precipitation and Temperature
 - Non-recording
 - Recording
 - Both types
- Double circle combinations indicate the availability of more detailed meteorological data



ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

U. S. DEPARTMENT OF COMMERCE
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**THIRD CLASS
BULK RATE**

CLIMATOLOGICAL DATA

LOUISIANA

JULY 1981

VOLUME 86 NUMBER 7



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF
THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
AND IS COMPILED FROM INFORMATION RECEIVED AT THE
NATIONAL CLIMATIC CENTER, ASHEVILLE NORTH CAROLINA"
28801

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
JULY 1981

HIGHEST TEMPERATURE:
LOWEST TEMPERATURE:
GREATEST TOTAL PRECIPITATION:
LEAST TOTAL PRECIPITATION:
GREATEST 1 DAY PRECIPITATION:

MANY STATIONS
3 SAINT FRANCISVILLE
MANSFIELD 3 WSW
NEW ROADS 5 ESE

DATE 25
DATE 31 +
DATE 13.33
DATE 7.66
DATE 03

SUPPLEMENTAL DATA

STATION	WIND DATA (SPEED IN MPH)						RELATIVE HUMIDITY AVERAGE (%)				NUMBER OF DAYS WITH PRECIPITATION (INCHES)						PERCENTAGE OF POSSIBLE SUNSHINE	AVERAGE SKY COVER (TENTHS)	SUNRISE-SUNSET	
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE SPEED	FASTEST MILE			TIME ZONE CENTRAL				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	OVER 1.99				TOTAL
				SPEED	DIRECTION	DATE	00	06	12	18										
BATON ROUGE WSO AP	23	1.0	4.7	18++28	05	90	94	64	70	2	2	4	1	2	0	11	-	5.0		
LAKE CHARLES WSO AP	18	2.0	5.6	29++13	10	91	94	69	74	1	6	2	2	1	14	80	5.3			
NEW ORLEANS WSCMO AP	22	1.1	5.7	23++4	29	93	95	65	72	3	2	2	1	0	16	76	6.4			
SHREVEPORT WSO AP	20	3.4	6.6	23++25	07	88	95	66	65	2	2	2	1	1	19	62	6.9			

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JULY 1981

STATION										TEMPERATURE (°F)										PRECIPITATION (IN)									
STATION	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	NO. OF DAYS	NO. OF DAYS							
										DEGREE DAYS	DEGREE DAYS	MAX	MIN																
																							90 OR ABOVE	32 OR BELOW	0 OR BELOW				
01 NORTHWEST																													
COTTON VALLEY	92.7	73.3	72.6	83.0		10025	7013	0	56625	0	0	0	4.55	-	1.65	6	0	0	0	0	1 00 OR MORE								
LOGANSPORT 4 ENE	94.3	72.6	72.6	83.5		10125	6712	0	58225	0	0	0	2.83	.37	1.37	6	0	0	0	0	.50 OR MORE								
HINDEN	93.5	74.0	71.4	81.3	-	10125	7012	0	59025	0	0	0	4.20	.25	1.37	6	0	0	0	0	.50 OR MORE								
PLAIN DEALING	91.2	71.4	71.4	81.3		9825	6913	0	51522	0	0	0	4.69	1.16	1.55	5	0	0	0	0	.50 OR MORE								
RED RIV VALLEY EXP STA	94.2	73.2	73.2	83.7		10225	7012	0	58527	0	0	0	2.63	-	1.50	28	0	0	0	0	.50 OR MORE								
SHREVEPORT WSO AP	92.0	73.5	73.5	82.8	-	4 9924	6912	0	55824	0	0	0	2.36	.53	1.02	5	0	0	0	0	.50 OR MORE								
DIVISION				83.0	.7								3.54	.08			0	0	0	0	.50 OR MORE								
02 NORTH CENTRAL																													
8IENVILLE 3 NE	95.8	73.1	73.1	84.5		10024	6812	0	61129	0	0	0	4.76	-	2.00	11	0	0	0	0	.50 OR MORE								
CALHOUN EXP STATION	94.8	73.2	72.2	84.0	1.7	10025	6931	0	59527	0	0	0	1.82	2.18	.67	6	0	0	0	0	.50 OR MORE								
HOMER EXP STATION	93.1	72.2	72.2	82.7		10125	686	0	55724	0	0	0	5.13	-	2.66	6	0	0	0	0	.50 OR MORE								
MONROE FAA AP	93.1	73.3	73.3	83.7	1.4	10123	6928	0	58723	0	0	0	2.27	2.44	.78	5	0	0	0	0	.50 OR MORE								
MONROE NLU	93.5	73.3	73.3	83.4		10225	6831	0	57823	0	0	0	1.67	-	.78	5	0	0	0	0	.50 OR MORE								
RUSTON-LA TECH UNIV	95.5	71.9	71.9	83.7	2.1	110325	676	0	58527	0	0	0	1.48	2.54	.61	30	0	0	0	0	.50 OR MORE								
WINNFIELD 2 W	93.8	72.1	72.1	83.0	1.6	810024	676	0	56625	0	0	0	3.37	1.76	.70	28	0	0	0	0	.50 OR MORE								
DIVISION				83.6									2.92	1.55			0	0	0	0	.50 OR MORE								
03 NORTHEAST																													
BASTROP	94.3	72.3	72.3	83.3	1.1	10224	686	0	57127	0	0	0	2.22	-	1.12	2	0	0	0	0	.50 OR MORE								
EBPS 6 WNW	94.2	73.8	73.8	84.0		10125	6931	0	59525	0	0	0	3.78	-	1.98	2	0	0	0	0	.50 OR MORE								
LAKE PROVIDENCE	93.5	74.2	74.2	83.9	1.0	9925	6730	0	59224	0	0	0	4.31	.07	2.63	2	0	0	0	0	.50 OR MORE								
SAINT JOSEPH EXP STA	93.2	74.5	74.5	82.5	2.1	10024	6731	0	59226	0	0	0	2.32	-	1.10	2	0	0	0	0	.50 OR MORE								
TALLULAH	93.2	71.8	71.8	82.5	1.5	10025	6531	0	54925	0	0	0	8.45	4.30	4.32	2	0	0	0	0	.50 OR MORE								
WINNSBORO	95.0	72.7	72.7	83.9	1.4	10325	6531	0	59326	0	0	0	2.64	1.85	.90	28	0	0	0	0	.50 OR MORE								
DIVISION				83.6	1.2								3.95	.34			0	0	0	0	.50 OR MORE								
04 WEST CENTRAL																													
ASHLAND	93.2	70.4	70.4	81.8		10125	6818	0	52925	0	0	0	2.87	-	1.21	6	0	0	0	0	.50 OR MORE								
CONVERSE	92.7	72.0	72.0	83.3		10024	676	0	53028	0	0	0	3.23	-	1.90	13	0	0	0	0	.50 OR MORE								
LEESVILLE	94.5	70.9	70.9	81.8	1.9	10125	696	0	57328	0	0	0	4.57	.12	1.73	6	0	0	0	0	.50 OR MORE								
MARY	95.4	71.6	71.6	83.5		10425	676	0	58328	0	0	0	3.30	-	1.32	6	0	0	0	0	.50 OR MORE								
NATCHITOCHES	93.1	74.9	74.9	84.0	1.1	10024	696	0	59924	0	0	0	2.14	1.27	.78	6	0	0	0	0	.50 OR MORE								
ROSEPINE EXP STATION	92.9	72.2	72.2	82.6		9824	686	0	55328	0	0	0	6.61	-	2.47	6	0	0	0	0	.50 OR MORE								
DIVISION				82.8	.8								3.80	.37			0	0	0	0	.50 OR MORE								
05 CENTRAL																													
ALEXANDRIA	94.2	73.8	73.8	84.0		10124	696	0	59925	0	0	0	1.30	-	.76	6	0	0	0	0	.50 OR MORE								
BELOAH FIRE TOWER	95.0	72.6	72.6	85.0		10024	6931	0	59028	0	0	0	2.42	-	1.75	26	0	0	0	0	.50 OR MORE								
BOYCE 3 WNW	94.8	75.1	75.1	85.0		10223	706	0	62624	0	0	0	4.50	-	2.31	5	0	0	0	0	.50 OR MORE								
BUNKIE	94.0	74.4	74.4	84.2	2.1	10024	692	0	56327	0	0	0	1.72	-	1.59	12	0	0	0	0	.50 OR MORE								
GRAND COTEAU	92.5	73.7	73.7	83.1		9724	692	0	56927	0	0	0	4.87	-	1.90	2	0	0	0	0	.50 OR MORE								
JONESVILLE LOCKS	92.6	74.2	74.2	83.4		9824	706	0	57626	0	0	0	3.99	-	.78	3	0	0	0	0	.50 OR MORE								
LSU DEAN LEE EXP STN	92.5	73.5	73.5	83.0		9925	706	0	56525	0	0	0	4.04	-	1.70	4	0	0	0	0	.50 OR MORE								
MAMOU 4 S	95.8	76.3	76.3	86.1	1.0	10124	712	0	56030	0	0	0	5.99	-	.91	5	0	0	0	0	.50 OR MORE								
MELVILLE	91.8	73.6	73.6	82.7		9724	693	0	55823	0	0	0	7.81	-	2.42	3	0	0	0	0	.50 OR MORE								
NEW ROADS 5 ESE	92.6	74.1	74.1	83.4		9824	701	0	57526	0	0	0	10.73	-	2.26	3	0	0	0	0	.50 OR MORE								
OLD RIVER LOCK	92.1	73.0	73.0	82.6		9924	701	0	55325	0	0	0	4.76	-	.95	6	0	0	0	0	.50 OR MORE								
OLLA 3 SSW	93.8	71.8	71.8	83.1		10124	686	0	56127	0	0	0	3.80	1.45	1.10	3	0	0	0	0	.50 OR MORE								
WOODWORTH 2 SE	93.0	73.1	73.1	83.1		9924	686	0	56924	0	0	0	4.61	-			0	0	0	0	.50 OR MORE								
DIVISION				83.6	1.7								4.61	.62			0	0	0	0	.50 OR MORE								
SEE REFERENCE NOTES FOLLOWING STATION INDEX																													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JULY 1981

STATION	TEMPERATURE (° F)										PRECIPITATION (IN)									
	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	SLEET	NO. OF DAYS	
									90 OR ABOVE	32 OR BELOW	MAX									
																				32 OR BELOW
06	EAST CENTRAL	94.4 M	73.2	83.8 M	2.2	10124	68.3	0	589	9	5.54	-2.26	2.05	6	0	0	0	0	1.00 OR MORE	
	AMITE	92.4	74.7	83.3	1.6	9823	70.1	0	589	2	4.20	-1.24	1.33	3	0	0	0	0	.50 OR MORE	
	BATON ROUGE WSO AP	93.4	72.2	83.3	1.0	10024	68.3	0	573	2	4.86	-1.24	2.36	30	0	0	0	0	.10 OR MORE	
	BOGALUSA	91.9	72.2	82.8	1.1	9823	69.1	0	538	2	4.86	-1.24	2.36	30	0	0	0	0	.10 OR MORE	
	CLINTON 5 SE	94.0	71.6	82.8	1.6	10023	68.3	0	582	6	4.86	-1.24	1.85	2	0	0	0	0	.10 OR MORE	
	COVINGTON 4 NNW	93.8	69.7	81.8	1.0	10123	65.3	0	530	2	5.36	-1.58	2.32	3	0	0	0	0	.10 OR MORE	
	FRANKLIN 3 SW	93.2	72.7	83.0	1.2	9924	68.3	0	563	2	5.03	-1.78	1.05	13	0	0	0	0	.10 OR MORE	
	HAMMOND 5 E	93.3	72.8	83.8	1.2	9924	69.1	0	560	2	3.80	-1.01	1.27	15	0	0	0	0	.10 OR MORE	
	HAMMOND 3 NW	93.3	72.8	83.1	1.2	9924	69.1	0	560	2	3.80	-1.01	2.04	15	0	0	0	0	.10 OR MORE	
	LSU BEN-HUR EXP STN	93.6	75.0	84.3	1.6	9924	70.3	0	606	5	5.43	-1.01	2.04	15	0	0	0	0	.10 OR MORE	
	SLIDELL WSO DIVISION			83.1																
07	SOUTHWEST	92.5	73.5	82.5	9	9825	69.6	0	560	7	7.80	1.68	1.41	28	0	0	0	0	.10 OR MORE	
	CROWLEY EXP STATION	93.5	71.3	82.5	9	9825	69.1	0	546	2	6.76	1.68	3.02	6	0	0	0	0	.10 OR MORE	
	DE QUINCY 4 N	92.8	72.2	82.5	1.5	10024	70.1	0	548	2	8.41	1.56	2.45	3	0	0	0	0	.10 OR MORE	
	ELIZABETH	94.3	72.9	83.6	1.1	9824	69.6	0	581	2	8.41	1.56	2.45	3	0	0	0	0	.10 OR MORE	
	HACKBERRY 8 SSW	90.5	75.3	82.9	1.1	9624	69.6	0	560	4	3.85	-1.27	1.80	6	0	0	0	0	.10 OR MORE	
	JENNINGS	92.4	73.6	83.5	5	9724	70.7	0	567	2	4.53	-1.61	1.63	6	0	0	0	0	.10 OR MORE	
	LAKE CHARLES WSO AP	90.4	74.6	82.5	1	9524	71.1	0	551	2	7.65	1.10	2.26	26	0	0	0	0	.10 OR MORE	
	OVERLIN FIRE TOWER	92.6	72.7	82.7	1	9824	70.1	0	555	2	10.38	1.91	1.78	27	0	0	0	0	.10 OR MORE	
	ROCKEFELLER WL REFUGE	92.3	75.8	84.1	9	9724	72.3	0	559	2	4.72	1.91	1.93	6	0	0	0	0	.10 OR MORE	
	VERMILION LOCK DIVISION	91.7	75.2	83.5	9	9624	72.6	0	581	2	8.78	1.58	1.38	13	0	0	0	0	.10 OR MORE	
08	SOUTH CENTRAL	93.5	74.6	84.1	2.3	10024	70.3	0	599	2	9.49	0.00	1.48	1	0	0	0	0	.10 OR MORE	
	CARVILLE 2 SW	92.6	74.8	83.7	2.0	10014	70.3	0	589	2	9.49	0.00	1.48	1	0	0	0	0	.10 OR MORE	
	FRANKLIN 3 NW	91.9	73.7	82.8	1.6	9724	69.2	0	581	2	11.37	3.03	2.02	18	0	0	0	0	.10 OR MORE	
	JEANERETTE EXP STN	91.9	75.0	83.5	1.6	9910	69.2	0	581	2	7.81	1.80	2.13	22	0	0	0	0	.10 OR MORE	
	LAFAYETTE FAA AP	92.6	75.1	83.9	1.5	9824	71.3	0	591	2	7.30	1.06	1.25	29	0	0	0	0	.10 OR MORE	
	MORGAN CITY	93.4	73.9	83.7	1.8	9924	70.8	0	588	2	3.74	1.20	1.96	6	0	0	0	0	.10 OR MORE	
	NEW IBERIA 5 NW DIVISION			83.6							7.41	1.20								
09	SOUTHEAST	90.2	77.8	84.0	3.1	9331	72.1	0	552	1	1.58	0.00	4.0	4	0	0	0	0	.10 OR MORE	
	BOOTHVILLE WSCMO CI	89.9	75.6	83.9	1.3	9425	73.1	0	589	2	2.22	0.00	1.70	27	0	0	0	0	.10 OR MORE	
	DELTA-BRETON WL REF	91.9	75.6	83.8	1.3	9723	72.1	0	589	2	5.04	0.00	1.52	6	0	0	0	0	.10 OR MORE	
	DONALDSONVILLE	94.5	74.7	84.5	1.9	10024	71.4	0	589	2	9.09	0.00	2.41	21	0	0	0	0	.10 OR MORE	
	GALLIANO	92.7	74.3	83.5	1.9	9824	70.1	0	581	2	3.74	1.20	1.96	6	0	0	0	0	.10 OR MORE	
	LOUISIANA NATURE CTR	93.4	75.0	84.2	3.1	9924	70.1	0	608	2	3.35	0.00	3.28	8	0	0	0	0	.10 OR MORE	
	NEW ORLEANS WSCMO AP	93.9	78.0	85.0	3.4	9923	73.2	0	627	2	4.92	4.80	1.80	29	0	0	0	0	.10 OR MORE	
	NO ADOBN WSO CI	93.0	78.5	85.8	3.4	9923	73.2	0	627	2	4.92	4.80	1.80	29	0	0	0	0	.10 OR MORE	
	PARADIS 7 S	93.6	74.5	83.7	3.4	9823	70.1	0	608	2	3.66	3.84	1.86	4	0	0	0	0	.10 OR MORE	
	PLAQUEMINES EXP STA	93.6	75.1	84.4	3.4	9823	70.1	0	608	2	3.16	3.16	1.30	19	0	0	0	0	.10 OR MORE	
	RESERVE	93.3	74.0	83.6	1.2	10027	69.2	0	589	2	5.88	0.00	2.55	27	0	0	0	0	.10 OR MORE	
	SAINT BERNARD	94.3	74.6	84.5	3.5	10023	68.3	0	610	2	3.77	3.15	1.35	24	0	0	0	0	.10 OR MORE	
	THIBODAUX DIVISION	96.2	74.2	85.2	3.5	10124	70.3	0	634	3	5.32	3.36	1.60	28	0	0	0	0	.10 OR MORE	
				84.3	2.1						4.18	3.36								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
JULY 1981

STATION	TOTAL	DAY OF MONTH																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
01 NORTHWEST BETHANY FIRE TOWER BOOTHAN VALLEY COTTONWOOD FIRE TOWER GREENWOOD HANNA 3 S HOUSTON KEITHVILLE KORANSPORT 4 ENE LOGANSFIELD 3 WSW MARTIN FIRE TOWER MINDENSPORT 1 N PLAIN DEALING PLEASANT VALLEY EXP STA ROBERTSON RODESSEPORT DOWNTOWN SHREVEPORT WSO AP SPRINGHILL	2.99 2.34 7.55 4.42 2.44 3.51 4.06 2.12 2.45 2.83 6.35 4.20 3.99 4.63 2.29 3.54 2.54 2.36	T T T T T T T T T T T T T T T T T T	T T T T T T T T T T T T T T T T T T	.02 T T T T T T T T T T T T T T T T T	1.05 3.38 1.93 T 2.6 T T T T T T T T T T T T T	.68 1.65 2.3 2.02 1.88 T T T T T T T T T T T T T	.30 T T T T T T T T T T T T T T T T T	.43 T T T T T T T T T T T T T T T T T T	.10 T T T T T T T T T T T T T T T T T	T T T T T T T T T T T T T T T T T T	.54 T T T T T T T T T T T T T T T T T T	.09 1.20 T T T T T T T T T T T T T T T T	.02 T T T T T T T T T T T T T T T T T	.01 T T T T T T T T T T T T T T T T	.06 T T T T T T T T T T T T T T T T			
	02 NORTH CENTRAL ANTIOCH FIRE TOWER BIENVILLE 3 NE CALHOUN EXP STATION COLUMBIA LOCKS HOMER EXP FIRE TOWER JONESBORO MARION FAA AP MONROE NLU MONROE RUSTON-LA TECH UNIV SAILES FIRE TOWER SAILESVILLE FIRE TOWER STERLINGTON WINNFIELD 2 WINNONA FIRE TOWER	4.71 4.76 1.82 2.93 5.13 3.54 1.54 2.22 1.67 2.74 1.48 2.05 2.37 2.37 4.52	.33 T T T T T T T T T T T T T T T	.02 T T T T T T T T T T T T T T T	.01 T T T T T T T T T T T T T T T	.88 1.78 3.35 3.30 1.22 1.14 1.78 1.32 1.03 1.19 T T T T T	.12 .50 .67 2.66 T T T T T T T T T T T T T	.05 T T T T T T T T T T T T T T T	.15 T T T T T T T T T T T T T T T	.19 T T T T T T T T T T T T T T T	T T T T T T T T T T T T T T T	2.00 T T T T T T T T T T T T T T T	.63 T T T T T T T T T T T T T T T	.02 T T T T T T T T T T T T T T T	.07 T T T T T T T T T T T T T T T			
		03 NORTHEAST BASTROP BAPPS 6 WNW DENCE LAKE GROVE 2 WSW SAINT JOSEPH EXP STA STEVENSON FIRE TOWER TALLULAH WINNSBORO	2.22 3.78 4.31 4.55 2.32 2.25 8.45 2.64	.02 T T T T T T T	T T T T T T T	T T T T T T T	.47 T T T T T T T	.22 T T T T T T T	.65 T T T T T T T	.05 T T T T T T T	.06 T T T T T T T	.44 T T T T T T T	.05 T T T T T T T	.10 T T T T T T T	.05 T T T T T T T	.07 T T T T T T T	.08 T T T T T T T	
			04 WEST CENTRAL ASHLAND CONVERSE FIRE TOWER CORNUM ECORE GRANDES GARDENS HOODSVILLE LEESVILLE MANY MATCHITOCHE ROSEGLADE	2.87 3.23 3.07 2.37 4.38 4.63 3.30 7.47	.05 T T T T T T T	.10 T T T T T T T	.03 T T T T T T T	T T T T T T T	1.21 T T T T T T T	.07 T T T T T T T	.07 T T T T T T T	.07 T T T T T T T	.03 T T T T T T T	.18 T T T T T T T	.30 T T T T T T T	.90 T T T T T T T	.10 T T T T T T T	.18 T T T T T T T

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
JULY 1981

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
01 NORTHWEST BETHANY FIRE TOWER BOUCAU VALLEY COTTONER 1 W GREENWOOD FIRE TOWER HANNA 3 S HOSSTON KEITHVILLE KORAN LOGANSFORD 4 ENE MARTIN FIRE TOWER MINDENSPORT 1 N PLAIN DEALING PLED RIV VALLEY EXP STA RODESSA SHREVEPORT DOWNTOWN SHREVEPORT WSO AP SPRINGHILL							T .20 .20 .52 .16				
02 NORTH CENTRAL ANTIUCH FIRE TOWER BIENVILLE 3 NE CALHOUN EXP STATION COLUMBIAN LOCKS HOMER EXP STATION JONESBORO FIRE TOWER MARION FAA AP MONROE NLU MONROE RUSTON RUSTON-LA TECH UNIV SAILES FIRE TOWER SPERLINGTON WINNFIELD 2 WINNFIELD 2 W		.11 T		.16			T .03			.55	T .22 .18 .36 .64
03 NORTHEAST BAPTIST BAPTIST 6 WNW LAKE PROVIDENCE LAKE GROVE 2 WSW SAINT JOSEPH EXP STA STEVENS FIRE TOWER TALLULAH WINNFIELD 2							.37 .58 .41 .37 .24			.07	.31 .10 .42 .27 .08 .26 .51
04 WEST CENTRAL ASHLAND CONVERSE FIRE TOWER CORUM GRAND ECHO GRAND ECHO GARDENS HODGESVILLE LEESVILLE MANY MATCOCHES ROSEPINE EXP STATION SLAGLE								.01		.11	.20 .36 .38

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
JULY 1981

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LOUISIANA
JULY 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
JULY 1981

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LONGVILLE	6.96		.08	.28	.13	.47	.00	1.31		.13		.02	.83	1.12		
MERMENEAU SE	5.14		T	.78	.50	.10	2.12	.85				.70	T	.10	.31	
MITTIE 2	10.34		1.20	.30	.42	.42	2.30	.61			.10	.01	.40	.10	1.00	
OAKDALE FIRE TOWER	5.24		1.55	1.30	.73		2.50	1.04				.08	.01			
OBERLIN FILLER WL REFUGE	10.38		1.57	1.50	1.37	1.15	2.75	1.22	.03	.01		.01	.22	.24	.26	.33
ROCKEFELLER	10.72			.75	.05		1.23	.22	.59			.05	.03	.13	.12	
SUGARKATOWN	4.01			.78		.13	1.29	1.58		.46	2.09	.71	T	T		
SULPHUR	18.87		T	1.63	.06	.29	3.22	1.30	T			.90	.45	1.38	.90	
SUMMIT LOCK	7.72		T	.70	.72	.31	2.60	.66		.37		.62				
VINTON	7.61			2.11	T											
08																
SOUTH CENTRAL LOCK	5.89			1.58	.34	.43	1.14		.30			.70		.18		
BUYOT CORREL	6.42		.31	1.96			1.30		.20			1.68		.21		
BATTE LA ROSE	6.49		.05	.50	.98	.98	1.94	.19	.32		.03	1.48	.14	T	T	
FRANKLIN 3 NW	7.75		.52	1.90	.11	.98	T		.05	.04	.18	.04	.10	T		
JEANETTE EXP STN	11.81		.03	1.53	.09	.86	1.21		.10	.02	.87	.60	.01	T		
LAFAYETTE FAA AP	7.37		2.13	T	.61	.81	T	.01	.32	.01	.40	.85	.05	.62		
MORGAN CITY 5 NW	7.30		.55	.32	.48	.36	1.96				.12	.00	1.00	.02		
NEWBERG	3.74		.05	1.83		.42	1.36		.10		.12	1.60	.35	.00		
PLAQUEMINE 2 N	5.72															
09																
SOUTH EAST	1.58		.03	.19	.40	.06	T				.36	.04		.05		
BOOTHVILLE WSCMO CI	1.22		T	.33	.02	.05	1.33		1.26		.19	T	.95	T		
DELTA-BRETTON WL REF	5.04			.34	.08	.20	1.52				.45	T	.03	.41		
DONALDSONVILLE	6.09		1.10	.10	.27	.12	1.15	.44	.10			1.31	.25	T		
GALLIANO	7.41		1.88	.35	.27	1.00	1.50	.05			.04	1.00	.90	T	.38	
GONZALES	3.35		T	.05	.23	.30	.67	T		.07	T	.17	.07			
HOUMA	3.92		.15	.03	.05	.47	T	.69	.01	.16	.15	.04	.01			
LAKE CHARLES	4.99		.39	.52	.20	.20	.04		.24		.05	.14	.05			
LEWISIANA NATURE CTR	4.29		.03	.06	.10	.06	.70		.61		.05	.29	.01	1.00		
NEW ORLEANS MSFO CI	4.29		.37	.05	.03	.03	.31		.81		.25	.21	.02	.15		
NEW ORLEANS ALGIER 14	4.84	.45	.20	.01	.04	.04	.06		.13		.19	.01	.02	.03		
NEW ORLEANS DPTER HALL	3.84		.95	.13	.13	.04	.40	.01	.36		.08	.23	.14			
NEW ORLEANS CITY 53	3.19		.12	.05	.86	.58	.75	.01	.05			.63	.20	.20		
NEW ORLEANS D P S 3	4.84		.07	.36	.43	.40	.40		.20		.10	.14	.01	.04		
NEW ORLEANS D P S 6	3.66		.05	.11	.35	.24	.40		.05		.10	.16	.20	.20		
NEW ORLEANS EXP STA	3.18		.07	.94	.14	.12	.48		.10		.47	.70	.04	.04		
PLAQUEMINE BERNARD	5.87															
SAINT BODAUX	5.32															

DAILY PRECIPITATION (CONT)

LOUISIANA
JULY 1981

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LONGVILLE											
MERMENIAU											
MITTIE SE		.06						.10			.11
OAKDALE											T
ROCKEFELLER FIRE TOWER											.10
ROCKEFELLER WL REFUGE											.79
SUGARTOWN											T
SULPHUR											.40
VERMILION LOCK											.27
VINTON					.78						.12
SOUTH CENTRAL LOCK											.03
BAYOU SORRELL											.02
BUTTE LA ROSE											.10
CARVILLE SW											.03
FRANKLINITE 3 NW STN											.05
JEANERETTE FAA AP											.01
LAFAYETTE CITY											.04
MORGAN CITY											.20
NEW IBERIA 5 NW											.13
PLAQUEMINE 2 N											.04
SOUTH EAST											.32
800THVILLAGE WSCMO CI											.12
DELTA-8RETTON WL REF											.02
DONALDSONVILLE											.10
GALLIANO											.70
GONZALES											.26
HOUMA											.53
HOUMA IANA NATURE CIR											.33
NEW ORLEANS WSCMO CAP											T
NEW ORLEANS WSCMO CI											.19
NEW ORLEANS DPTERS 14											.01
NEW ORLEANS WATER PLT											.04
NEW ORLEANS CITY S 3											.04
NEW ORLEANS CDD P S 6											.03
NEW ORLEANS CDD P S 6											.06
NEW ORLEANS CDD P S 6											.08
PARADEME 7											.05
PLAQUEMINE 5 EXP STA											.11
PRESTON BERNARD											.08
SAINT BOUAUX											.45

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

LOUISIANA
JULY 1981

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	TOTAL PRECIPITATION
	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	SNOWFALL 1 IN OR MORE	
NORTHWEST 01														
BETHANY														
BODCAU FIRE TOWER														
COTTON VALLEY														
GLOSTER 1 W														
GREENWOOD FIRE TOWER														
HANNA 3 S														
HOSSTON														
KEITHVILLE														
KORAN														
LOGANSPOUT 4 ENE														
MANSFIELD 3 WSW														
MARTIN FIRE TOWER														
MINDEN														
MOORINGSPOUT 1 N														
PLAIN DEALING														
RED RIV VALLEY EXP STA														
ROBSON														
RODES 2 A														
SHREVEPORT DOWNTOWN														
SHREVEPORT WSO AP														
SPRINGHILL														
NORTH CENTRAL 02														
ANTILOC FIRE TOWER														
BIENVILLE 3 NE														
CALHOUN EXP STATION														
COLUMBIA LOCKS														
HOMER EXP STATION														
JONESBORO FIRE TOWER														
MARION FAA AP														
MONROE NLU														
MONROE														
RUSTON														
RUSTON-LA TECH UNIV														
SAILES FIRE TOWER														
SPEARSVILLE FIRE TOWER														
STERLINGTON														
WINNFELD 2 W														
WINONA FIRE TOWER														
NORTHEAST 03														
BASTROP														
EPPS 6 WNW														
LAKE PROVIDENCE														
OAK GROVE 2 WSW														
SAINT JOSEPH EXP STA														
STEVENSON FIRE TOWER														
TALLULAH														
WINNSBORO														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

LOUISIANA
JULY 1981

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL		PRECIPITATION
	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL	1 IN ON GO	
04															
WEST CENTRAL															
ASHLAND															
CONVERSE															
GORUM FIRE TOWER															
GRAND ECORE															
HODGES GARDENS															
LEESVILLE															
MANI															
NATCHITOCHES															
ROSEPINE EXP STATION															
SLAGLE															
05															
CENTRAL															
ALEXANDRIA															
BEAVER FIRE TOWER															
BELAH FIRE TOWER															
BOYCE 3 WNW															
BUNKIE															
EUNICE															
GRAND COTEAU															
JONESVILLE LOCKS															
LSU DEAN LEE EXP STN															
MAMOU 4 S															
MARKSVILLE															
MELVILLE															
NEW ROADS 5 ESE															
OLD RIVER LOCK															
OLLA 3 SSW															
OPELOUSAS															
PORT ALLEN															
SIMMESPORT															
VIDALIA 2															
WOODWORTH 2 SE															
06															
EAST CENTRAL															
ABITA SPRINGS FIRE THR															
AMITE															
BAKER															
BATON ROUGE CENTRAL															
BATON ROUGE WSO AP															
BATON ROUGE WOODLAWN															
BOGALUSA															
CLINTON															
CLINTON 5 SE															
COVINGTON 4 NNW															
DENHAM SPRINGS															
FRANKLINTON 2															
FRANKLINTON 3 SW															
GREENSBURG															
GREENWELL SPRINGS															
HAMMOND 5 E															
HAMMOND 3 NW															
KENTWOOD															
LIVERPOOL 3 ENE															
LIVINGSTON															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	PRECIPITATION
	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	
LSU BEN-HUR EXP STN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OAKNOLIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEARL RIVER LOCK 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PINE GROVE FIRE TOWER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAINT FRANCISVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHERIDAN FIRE TOWER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLIDELL WSFO	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPRINGVILLE FIRE TOWER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATSON 3 ESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZACHARY 2 ESE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHWEST 07	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ABBEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CROHLEY EXP STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DE QUINCY 4 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DE RIDDER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELIZABETH	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HACKBERRY 8 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JENNINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINDER 3 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE CHARLES 2 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE CHARLES WSO AP	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONGVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MENTAU	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLIE 2 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OAKDALE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OVERLIN FIRE TOWER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCKEFELLER WL REFUGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUGARTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULPHUR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMILION LOCK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VINTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CENTRAL 08	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAYOU SORREL LOCK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTE LA ROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARVILLE 2 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRANKLIN 3 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JEANERETTE EXP STN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAFAYETTE FAA AP	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MORGAN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW IBERIA 5 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLAQUEMINE 2 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHEAST 09	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOOTHVILLE WSCMO CI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELTA-BRETON WL REF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DONALDSONVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GALLIANO	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GONZALES	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOUMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISIANA NATURE CTR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW ORLEANS WSCMO AP	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NO ADBON WSFO CI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW ORLEANS ALGIERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

LOUISIANA
JULY 1981

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	TOTAL PRECIPITATION
	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	
NEW ORLEANS D P S 14														
NEW ORLEANS WATER PLT														
NEW ORLEANS CITY HALL														
NEW ORLEANS D P S 5														
NEW ORLEANS D P S 3														
NEW ORLEANS D P S 6														
PARADIS 7 S														
PLAQUEMINES EXP STA														
RESERVE														
SAINT BERNARD														
THIBODAUX														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
JULY 1981

STATION		DAY OF MONTH																															AVERAGE					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
01 NORTHWEST COTTON VALLEY LOGANSPORT 4 ENE MINDEN PLAIN DEALING RED RIV VALLEY EXP STA SHREVEPORT WSO AP	MAX	92	84	88	90	82	82	85	89	93	95	96	96	91	93	93	95	95	95	95	95	95	96	96	98	99	100	98	97	95	92	90	90	92	7	73	3	
	MIN	75	74	73	74	72	72	72	75	73	73	75	70	70	75	75	73	73	74	74	74	74	75	75	76	76	74	74	74	72	72	73	72	71	71	73	3	
	MAX	91	90	91	91	86	85	91	94	95	96	95	96	93	94	95	95	94	96	96	100	100	101	101	98	94	93	94	93	95	94	95	94	95	94	95	4	
	MIN	73	73	73	74	74	69	73	71	74	73	71	67	73	73	73	72	72	72	75	73	73	73	74	73	73	73	74	72	72	72	72	72	72	72	72	6	
	MAX	94	87	90	91	85	80	87	91	94	94	96	97	91	93	94	93	94	96	95	97	99	100	100	102	98	98	97	91	87	92	93	95	90	92	5		
	MIN	74	74	73	74	72	70	71	72	74	76	75	70	71	76	76	78	76	75	75	76	76	74	75	75	74	76	73	74	72	72	74	72	74	70	74	0	
02 NORTH CENTRAL BIENVILLE 3 NE CALHOUN EXP STATION HOMER EXP STATION MONROE FAA AP MONROE NLU	MAX	92	85	89	90	79	84	87	92	93	95	95	90	91	92	92	94	94	92	94	95	95	98	96	95	98	96	95	89	85	89	91	92	7	71	4		
	MIN	75	73	73	72	72	69	73	76	70	75	73	68	73	74	74	73	74	73	73	74	73	74	75	76	73	73	73	73	73	73	73	73	73	73	5		
	MAX	93	89	88	89	91	80	90	93	94	96	98	96	91	95	95	97	98	97	93	98	99	98	99	98	99	98	99	99	94	90	90	94	90	90	94	8	
	MIN	75	72	71	72	72	70	71	73	71	75	74	70	73	75	76	74	75	76	74	75	76	75	76	73	73	73	74	73	73	74	69	69	73	1			
	MAX	94	86	88	88	85	80	89	91	95	95	95	94	93	94	94	95	95	94	96	96	100	100	100	100	96	96	92	91	87	93	1	1	1	1	1	1	
	MIN	73	72	70	71	74	68	70	70	74	74	69	70	73	75	73	74	74	74	74	74	73	75	72	72	75	72	74	73	72	70	69	72	69	72	2		
03 NORTHEAST BASTROP EPPS 6 WNW LAKE PROVIDENCE SAINT JOSEPH EXP STA TALLULAH WINNSBORO	MAX	89	87	87	90	79	85	85	88	93	94	94	89	93	95	97	98	95	98	99	100	101	100	98	94	94	93	90	91	92	93	1	1	1	1	1	1	
	MIN	75	72	72	73	72	71	74	73	75	78	75	73	75	76	77	76	76	76	76	76	76	76	73	75	75	75	75	69	75	70	71	74	2	2	2	2	
	MAX	93	88	86	86	90	81	89	92	88	95	95	95	91	94	95	96	96	96	96	98	98	98	97	98	97	95	95	93	90	91	92	93	90	90	93	5	
	MIN	73	72	71	72	73	71	71	72	73	75	75	71	72	74	75	76	76	74	73	75	78	77	72	74	76	73	74	73	74	68	68	73	74	68	68	73	3
	MAX	94	87	89	88	90	82	90	93	96	97	94	97	93	95	98	98	98	99	100	100	102	103	103	100	98	98	96	92	91	95	95	90	90	93	5		
	MIN	73	69	70	71	67	69	70	74	71	75	73	69	72	73	73	73	73	72	72	72	72	74	74	75	72	72	72	72	72	72	72	72	72	72	72	72	1
04 WEST CENTRAL ASHLAND CONVERSE LEESVILLE MANY NATCHITOCHES	MAX	90	86	87	89	87	90	92	94	96	96	94	94	96	95	96	95	95	98	99	100	101	102	99	95	92	94	94	92	93	94	93	91	94	93	2	2	2
	MIN	74	72	72	70	68	71	70	72	70	74	71	70	71	74	74	74	74	75	74	75	73	68	74	74	73	71	72	71	70	68	65	71	71	70	4		
	MAX	94	84	85	90	82	88	92	93	95	95	93	93	93	95	95	96	95	96	97	96	96	95	96	100	100	99	95	94	92	89	93	92	89	93	2	2	
	MIN	72	70	68	71	70	69	71	71	73	75	71	73	73	74	74	74	74	75	74	75	73	68	74	74	73	71	72	71	70	68	65	71	71	70	4		
	MAX	92	88	85	89	90	81	88	91	94	97	98	97	92	95	98	99	98	99	98	98	100	102	103	98	97	94	96	92	93	88	93	88	93	88	93	2	2
	MIN	75	70	73	70	74	69	71	71	73	74	71	72	75	74	76	75	75	75	75	75	75	70	72	74	75	71	72	73	74	69	65	72	67	65	72	7	7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES(°F)

LOUISIANA
JULY 1981

STATION		DAY OF MONTH																															AVERAGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
05	ROSEPINE EXP STATION	MAX 91	72	72	71	92	90	82	88	91	91	95	96	94	91	92	94	94	94	94	95	95	95	96	97	98	96	93	92	90	94	95	97	92																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	MIN	72	72	71	71	72	68	71	73	72	74	70	71	72	73	72	71	74	71	73	74	74	74	74	76	75	74	72	72	72	70	72	70	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	CENTRAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	ALEXANDRIA	MAX 92	89	87	89	91	79	88	89	93	98	98	95	94	94	96	96	96	97	97	98	97	97	98	97	97	100	101	99	97	96	92	91	96	98																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	MIN	75	75	71	73	72	69	71	72	74	76	70	74	74	74	73	75	77	75	75	77	76	77	76	77	72	77	73	75	73	72	75	71	73	71																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	BELAH FIRE TOWER	MAX 94	92	94	88	91	80	88	93	95	96	96	96	92	95	98	98	99	98	99	99	100	99	99	100	99	99	100	98	98	94	94	95	94	95	94																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	MIN	72	72	71	74	75	69	72	71	72	73	74	72	73	74	73	73	74	74	74	74	75	76	75	74	73	73	72	73	72	73	73	69	72	73	69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	BOYCE 3 WNW	MAX 87	85	71				84	88	95	84	97	96	96	93	94	95	96	97	98	98	98	99	100	102	100	96	95	93	94	99	96	95	94	99	96	95	94																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	MIN	74	73					72	70	73	74	74	74	73	76	77	75	78	78	77	72	73	78	77	78	80	78	75	73	74	76	77	71	76	77	71	75	71																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	BUNKIE	MAX 94	91	88	89	92	80	91	88	94	96	96	94	93	95	95	95	95	95	94	98	96	97	100	100	99	96	95	95	93	95	95	93	95	93	94	93	94	93																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
MIN	76	75	72	72	75	72	73	73	75	76	71	72	74	75	75	75	75	75	75	76	77	77	77	76	77	77	73	74	72	72	74	72	74	72	74	72	74	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
06	GRAND COTEAU	MAX 90	88	88	73	71	70	75	74	76	70	73	74	74	74	74	74	75	76	76	75	76	76	75	74	73	73	74	73	73	74	73	74	72	73	74	72	73	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	MIN	73	69	70	70	71	70	71	72	73	74	74	74	74	74	74	74	75	76	76	75	76	75	74	73	73	74	73	73	74	73	74	73	74	72	73	74	72	73	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	JONESVILLE LOCKS	MAX 93	90	80	87	90	82	88	88	93	95	95	93	90	93	94	95	96	97	96	97	97	96	97	98	97	98	97	98	93	90	92	94	90	92	94	90	92	94	90																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	MIN	73	70	72	73	72	70	73	72	74	75	73	73	76	75	76	75	75	75	75	76	77	76	77	77	75	75	76	75	78	76	73	74	75	78	76	73	74	72	73	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	LSU DEAN LEE EXP STN	MAX 91	90	83	88	90	80	87	89	92	95	95	93	93	93	94	94	95	95	95	95	95	95	96	98	99	95	95	94	91	90	94	93	92	94	93	92	93	92	93	92																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	MIN	74	75	70	72	74	70	71	72	74	71	71	73	73	74	74	75	75	74	75	77	76	77	76	76	77	75	72	72	72	72	74	72	74	72	74	72	73	72	73	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	MAMOU 4 S	MAX 95	93	92	93	84	91	92	97	97	96	95	93	95	96	96	96	97	98	99	98	100	101	101	101	97	97	97	95	96	96	95	96	96	96	96	96	96	96	95	95	96	95	95	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96

DAILY TEMPERATURES (°F)

LOUISIANA
JULY 1981

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
07 SOUTHWEST CROWLEY EXP STATION DE QUINCY 4 N DE RIDDER ELIZABETH HACKBERRY 8 SSW JENNINGS LAKE CHARLES WSO AP OBERLIN FIRE TOWER ROCKEFELLER WL REFUGE VERMILION LOCK	MAX	91	93	81	88	86	80	90	92	94	94	93	90	90	93	94	94	95	94	94	93	95	95	97	98	95	94	91	91	93	95	94	92.5	
	MIN	73	75	69	72	74	69	72	73	76	77	70	73	75	74	73	73	74	75	74	74	73	75	74	76	75	74	75	74	73	75	72	73.5	
	MAX	93	92	88	91	90	80	90	92	92	96	96	95	90	92	95	95	96	97	96	95	92	95	98	98	96	96	96	97	95	96	96	93	
	MIN	70	73	70	70	74	68	70	72	73	73	68	68	71	72	71	69	72	70	71	72	70	74	75	74	73	73	71	71	70	70	70	71.3	
	MAX	93	93	89	90	89	85	88	92	91	95	95	94	91	92	90	93	94	95	94	95	94	95	96	97	98	95	92	91	93	94	95	91.8	
	MIN	73	72	71	72	75	69	70	73	74	74	71	72	73	73	72	72	74	73	74	74	74	74	71	71	70	73	72	70	71	71	72	71	72.2
	MAX	93	90	87	87	92	80	88	92	95	96	97	95	96	96	96	97	97	98	98	98	98	97	98	99	99	99	96	90	91	92	93	94	94.3
	MIN	74	74	71	73	73	70	72	73	73	74	71	70	71	70	71	70	71	73	74	75	75	75	75	76	77	76	75	72	73	72	73	72	72.9
	MAX	90	90	83	87	84	79	89	89	90	93	94	91	91	90	91	91	91	91	91	92	93	92	94	93	96	95	92	86	91	91	92	90.5	
	MIN	79	77	72	76	71	69	71	79	73	75	79	73	75	74	76	75	75	75	75	76	78	76	78	76	75	78	80	73	76	75	74	75	73.6
08 SOUTH CENTRAL CARVILLE 2 SW FRANKLIN 3 NW JEANERETTE EXP STN LAFAYETTE FAA AP MORGAN CITY NEW IBERIA 5 NW	MAX	91	91	84	90	91	78	91	92	94	93	93	93	93	93	94	93	94	93	95	95	95	97	97	95	97	95	91	90	93	93	95	92.6	
	MIN	72	72	71	71	72	70	70	75	76	71	76	73	74	76	73	74	73	72	74	75	75	74	75	77	77	77	75	74	71	73	74	72	73.3
	MAX	89	84	86	88	80	85	90	91	93	94	91	90	90	92	91	91	92	92	92	93	93	93	95	96	97	92	88	91	92	93	92	90.4	
	MIN	75	72	73	74	72	71	74	76	73	71	73	71	74	77	75	75	76	75	76	75	76	76	78	77	78	77	73	75	75	75	74	74	74.6
	MAX	92	90	87	91	81	86	91	93	95	97	93	89	92	91	95	95	95	95	96	95	95	97	98	98	97	93	90	89	93	95	95	92.6	
	MIN	72	71	70	72	72	70	71	73	73	75	70	74	73	72	71	73	74	74	74	74	74	75	76	76	75	72	71	72	73	72	73	72	72.3
	MAX	90	84	89	89	84	88	89	93	95	96	93	91	91	93	95	94	95	94	95	95	97	95	97	95	97	95	91	93	93	93	93	92.3	
	MIN	75	78	72	75	73	73	75	77	78	73	74	75	73	75	78	77	78	77	78	76	77	78	77	78	77	78	78	75	77	74	74	74	72.8
	MAX	91	90	91	90	89	85	88	89	91	94	94	90	88	91	93	94	94	93	93	94	93	94	93	94	96	93	94	91	89	90	94	94	91.7
	MIN	74	75	74	73	72	72	73	75	77	78	74	73	74	74	73	74	77	77	76	76	78	76	77	78	77	77	77	76	75	74	77	74	75.2
09 SOUTHEAST BOOTHVILLE WSCMO CI DELTA-BRETON WL REF DONALDSONVILLE GALLIANO HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP N O ADBON WSO CI PARADIS 7 S	MAX	98	90	77	90	89	88	90	92	93	93	92	95	95	94	95	95	95	95	95	97	96	96	99	100	95	93	94	95	94	95	95	93.5	
	MIN	73	74	70	74	74	72	75	73	76	75	74	75	76	74	75	75	76	75	76	74	76	76	74	76	77	74	77	74	74	73	72	74.5	
	MAX	89	82	89	85	87	89	94	94	95	93	94	93	90	94	95	95	95	94	95	95	97	96	96	96	96	94	96	94	92	92	92	92.6	
	MIN	73	72	73	74	75	74	78	75	77	73	72	75	74	75	75	74	76	75	77	77	77	76	77	76	77	76	75	75	75	70	74	74	74.8
	MAX	91	89	80	88	87	86	89	90	93	95	95	92	90	94	94	94	95	93	95	95	94	94	95	97	94	91	92	90	91	94	93	91.9	
	MIN	72	73	66	73	73	72	74	75	76	68	72	73	75	75	74	74	75	76	76	76	76	76	74	74	76	74	73	75	75	75	73	73.7	
	MAX	90	80	89	91	83	92	92	94	96	99	90	92	91	93	97	92	92	93	94	94	95	96	94	94	91	91	88	89	92	93	92	91.9	
	MIN	74	69	74	74	72	72	76	75	80	72	71	76	78	76	78	76	77	76	77	77	77	77	77	77	75	74	75	74	75	74	74	75.0	
	MAX	91	90	83	90	89	90	89	93	95	95	91	90	94	94	94	94	94	93	95	94	93	94	97	98	93	92	93	93	95	95	93	92.6	
	MIN	72	74	71	72	76	73	76	76	74	73	74	75	73	74	75	76	77	77	77	77	77	77	77	76	77	76	75	75	75	74	75	74	75.1
09 SOUTHEAST BOOTHVILLE WSCMO CI DELTA-BRETON WL REF DONALDSONVILLE GALLIANO HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP N O ADBON WSO CI PARADIS 7 S	MAX	91	90	83	88	85	87	90	94	92	93	95	96	91	95	96	93	96	93	95	95	96	97	99	98	95	93	94	91	97	93	93	93.4	
	MIN	73	73	70	73	70	72	73	70	71	75	76	73	78	72	75	76	78	73	73	77	76	76	73	76	78	73	74	76	73	71	74	73	73.9
	MAX	88	81	84	86	87	89	90	89	93	88	89	91	89	92	92	91	93	92	92	92	92	93	92	91	91	90	91	90	92	91	93	90.2	
	MIN	72	74	74	77	79	78	76	77	79	75	79	76	78	80	78	80	78	77	79	80	79	80	80	80	80	80	78	79	78	76	78	77.8	
	MAX	86	88	82	83	85	85	88	89	90	92	90	87	90	91	92	94	92	94	92	93	93	90	91	93	94	92	90	91	90	93	87	89.8	
	MIN	74	77	73	75	77	77	77	77	79	73	76	77	79	81	81	81	81	81	82	83	82	85	81	80	80	76	74	80	78	78	78	79.9	
	MAX	90	88	79	89	88	88	89	90	92	94	92	89	90	93	94	93	94	95	94	95	94	95	97	96	95	93	92	92	95	93	91.9		
	MIN	74	74	73	74	75	74	75	76	77	74	72	73	77	74	78	78	78	78	78	78	77	78	77	78	76	73	78	77	77	75	75	75.6	
	MAX	89	91	92	91	92	93	92	95	97	97	94	93	94	95	97	96	96	96	96	96	96	96	99	98	97	92	92	94	97	95	94	95.4	
	MIN	71	71	71	71	73	75	76	76	78	73	73	72	74	75	76	75	76	75	76	75	76	78	75	78	75	76	74	76	75	73	73	74.7	
09 SOUTHEAST BOOTHVILLE WSCMO CI DELTA-BRETON WL REF DONALDSONVILLE GALLIANO HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP N O ADBON WSO CI PARADIS 7 S	MAX	90	91	84	89	90	90	90	91	94	91	94	87	92	93	95	94	95	94	94	94	94	94	94	94	94	94	94	94	94	93	92	92.7	
	MIN	70	74	72	73	75	71	77	75	76	73	73	73	73	73	73	73	75	75	75	76	76	77	73	76	79	76	74	72	73	72	74	73.3	
	MAX	90	86	77	88	90	88	92	95	96	95	94	95	96	94	95	96	94	95	96	97	95	96	97	97	98	97	95	93	93	94	94	93.4	
	MIN	70	73	73	73	73	73	73	75	75	73	73	74	76	77	77	78	77	77	77	77	77	78	77	76	76	76	74	72	73	72	74	73.3	
	MAX	89	90	88	91	90	93	95	94	96	96	93	94	96	94	95	95	96	94	95	96	97	95	96	97	97	95	93	93	94	94	94	93.4	
	MIN	71	73	71	75	75	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73.4	
	MAX	89	80	86	89	88	91	93	93	95	95	86	92	94	96	94	96	94	95	94	96	97	95	96	97	98	95	95	93	96	95	94	93.9	
	MIN	75	73	73	75	77	77	79	78	77	77	78	78	78	78	81	82	81	82	81	82	80	80	81	82	81	82	81	78	73	74	78	78.5	
	MAX	89	88	88	87	89	89	93	95	94	93	95	94	93	94	95	96	94	96	96	96	96	96	97	96	96	93	92	95	92	93	92	92.9	
	MIN	70	73	70	73	72	73	73	73																									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
JULY 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PLAQUEMINES EXP STA	MAX	90	90	92	92	90	92	93	93	96	95	92	94	93	95	93	97	96	96	95	96	96	98	96	93	90	90	93	93	92	92	92	93.6
	MIN	70	76	71	75	77	76	75	77	76	73	72	73	73	76	76	75	76	75	77	75	77	77	75	78	77	76	78	75	74	73	73	75.1
	MAX	89	90	78	88	89	89	90	92	93	93	95	94	95	95	93	95	95	95	95	96	96	96	97	96	96	97	100	91	93	94	91	93.2
	MIN	72	74	70	73	72	71	75	74	76	75	70	70	69	75	76	77	77	77	78	77	78	78	78	78	70	70	69	74	75	74	74	74
SAINT BERNARD	MAX	90	87	89	92	92	93	93	95	96	96	94	94	94	95	95	94	93	95	95	96	97	100	100	96	96	96	94	92	95	95	95	94.3
	MIN	69	79	69	73	76	75	76	76	76	72	73	73	72	75	77	76	77	77	76	77	77	75	75	78	75	74	73	73	68	73	73	74.3
THIBODAUX	MAX	98	92	82	92	91	90	92	94	99	100	99	97	95	97	99	100	98	98	99	98	98	98	100	100	95	96	95	95	97	98	96	96.2
	MIN	70	71	70	72	74	74	74	73	74	73	72	73	73	74	75	76	75	75	76	76	77	77	75	76	76	77	76	75	73	74	73	74.2

MONTHLY AND SEASONAL HEATING DEGREE DAYS

STATION		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
01 NORTHWEST															
COTTON VALLEY		0	0	0	183	417	567	706	507	348	29	44	0	2809	2345
LOGANSPORT 4 ENE		0	0	0	116	334	424	611	379	245	16	12	0	2137	2530
MINDEN		0	0	0	171	379	571	686	473	313	17	23	0	2607	
PLAIN DEALING		0	0	13	141	419	569	706	473	370	46	53	0	2866	
RED RIV VALLEY EXP STA		0	0	0	132	379	536	680	485	320	25	22	0	2583	
SHREVEPORT WSO AP		0	0	3	128	340	488	620	425	279	14	20	0	2317	2167
02 NORTH CENTRAL															
BIENVILLE 3 NE		0	0	1	143	364	533	639	437	280	17	15	0	2429	2258
CALHOUN EXP STATION		0	0	1	155	386	558	677	473	311	29	39	0	2629	
HOMER EXP STATION		0	0	13	162	409	583	706	518	360	30	52	0	2833	2311
MONROE FAA AP		0	0	0	111	332	538	635	430	303	15	13	0	2377	
MONROE NLU		0	0	3	160	381	590	702	473	325	30	41	0	2705	
RUSTON-LA TECH UNIV		0	0	0	126	432	572	680	478	301	20	29	0	2638	2410
WINNFIELD 2 W		0	0	0	135	369	526	660	395	262	15	21	0	2383	2076
03 NORTHEAST															
BASTROP		0	0	0	90	349	494	634	368	256	10	6	0	2207	2198
EPSS 6 WNW		0	0	0	142	354	576	696	457	312	16	24	0	2567	2321
LAKE PROVIDENCE		0	0	0	117	359	576	710	476	298	15	16	0	2567	2122
SAINT JOSEPH EXP STA		0	0	0	133	345	525	666	437	284	10	16	0	2416	2309
TALLULAH		0	0	0	156	363	569	713	471	318	17	25	0	2632	
WINNSBORO		0	0	0	139	352	547	679	465	315	17	23	0	2537	2192
04 WEST CENTRAL															
ASHLAND		0	0	2	170	405	575	700	489	320	23	38	0	2722	1889
CONVERSE		0	0	0	155	392	517	664	472	325	31	25	0	2581	
LEESVILLE		0	0	0	111	326	470	607	407	239	15	12	0	2187	1872
MANY		0	0	0	140	467	498	657	455	290	21	20	0	2548	
NATCHITOCHES		0	0	0	113	358	534	668	469	278	19	21	0	2460	
ROSEPINE EXP STATION		0	0	0	115	314	454	613	411	246	14	12	0	2179	
05 CENTRAL															
ALEXANDRIA		0	0	0	106	313	479	608	417	244	9	10	0	2186	1883
BELAH FIRE TOWER		0	0	0	103	320	488	614	415	237	5	18	0	2200	
BOYCE 3 WNW		0	0	0	94	284	434	600	415	242	11	17	0	2077	
BUNKIE		0	0	0	107	306	482	615	408	217	5	9	0	2149	
GRAND COTEAU		0	0	0	72	259	406	549	320	186	7	2	0	1801	
JONESVILLE LOCKS		0	0	0	112	326	482	641	433	260	6	10	0	2270	1596
LSU DEAN LEE EXP STN		0	0	0	111	311	485	611	415	247	14	15	0	2209	
MAMOU 4 S		0	0	0	49	228	339	460	281	120	0	10	0	1477	
MELVILLE		0	0	0	88	315	447	622	379	194	8	18	0	2071	
NEW ROADS 5 ESE		0	0	0	94	291	450	589	380	185	9	13	0	2011	2026
OLD RIVER LOCK		0	0	0	104	319	482	628	390	238	6	14	0	2181	
OLLA 3 SSW		0	0	0	167	399	550	697	468	225	20	33	0	2659	
WOODDORTH 2 SE		0	0	0	115	319	488	636	401	208	1	11	0	2181	1809
06 EAST CENTRAL															
AMITE		0	0	0	69	273	457	593	368	215	2	11	0	1988	1670
BATON ROUGE WSO AP		0	0	0	96	279	448	576	345	192	10	16	0	1952	1816
BOGALUSA		0	0	0	107	284	480	640	387	228	13	21	0	2156	1600
CLINTON 5 SE		0	0	0	102	304	471	618	398	223	11	16	0	1916	
COVINGTON 4 NNW		0	0	0	74	268	411	595	338	213	11	7	0	2132	1591
FRANKLINTON 3 SW		0	0	0	98	301	487	620	366	235	18	13	0	2146	
HAMMOND 3 NW		0	0	0	103	301	486	637	371	221	13	14	0	2146	
LSU BEN-HUR EXP STN		0	0	0	75	263	440	583	367	215	10	18	0	1977	
SLIDELL WSO		0	0	0	67	239	421	593	347	189	7	17	0	1977	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

LOUISIANA
JULY 1981

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
07														
SOUTHWEST														
CROWLEY EXP STATION				88	275	438	594	373	199	6	10	0	1983	
DE QUINCY 4 N	0	0	0	124	309	458	592	412	233	15	10	0	2153	
DE RIDDER	0	0	0	94	302	454	574	400	219	16	10	0	2067	1838
ELIZABETH	0	0	0	111	299	450	596	403	216	16	13	0	2094	1565
HACKBERRY 8 SSW	0	0	0	72	258	368	494	349	143	0	13	0	1687	
JENNINGS	0	0	0	97	288	440	578	379	213	7	8	0	2010	1449
LAKE CHARLES WSO AP	0	0	0	79	286	400	523	344	182	11	11	0	1820	1498
OBERLIN FIRE TOWER	0	0	0	87	294	419	556	374	181	15	15	0	1921	
ROCKEFELLER ML REFUGE	0	0	0	65	240	368	511	359	160	2	2	0	1707	
VERMILION LOCK	0	0	0	64	247	477	518	374	156	0	3	0	1839	
08														
SOUTH CENTRAL														
CARVILLE 2 SW	0	0	0	80	271	428	569	362	195	4	6	0	1915	1508
FRANKLIN 2 NW	0	0	0	73	242	394	514	313	176	3	4	0	1715	1408
JEANERETTE EXP STN	0	0	0	89	277	416	552	373	178	4	4	0	1893	
LAFAYETTE FAA AP	0	0	0	75	261	423	560	337	184	6	3	0	1849	1551
MORGAN CITY	0	0	0	73	257	393	558	351	169	3	2	0	1806	1305
NEW IBERIA 5 NW	0	0	0	68	203	390	562	368	187	3	4	0	1785	
09														
SOUTHEAST														
800THVILLE WSCMO CI	0	0	0	27	164	305	504	260	156	5	0	0	1421	
DELTA-BRETON ML REF	0	0	0	31	142	280	502	309	176	3	0	0	1433	
DONALDSONVILLE	0	0	0	51	237	341	528	330	135	6	0	0	1640	1369
GALLIANO	0	0	0	39	218	334	529	319	150	3	0	0	1589	
HOUMA	0	0	0	65	219	370	530	317	160	6	3	0	1670	1215
LOUISIANA NATURE CTR	0	0	0	35	195	335	504	375	150	3	2	0	1507	1465
NEW ORLEANS WSCMO AP	0	0	0	17	128	272	444	231	123	1	0	0	1171	
N O ADON WSO CI	0	0	0	59	219	321	540	310	175	1	0	0	1635	
PARADIS 7 S	0	0	0	39	202	334	519	303	154	6	1	0	1558	
PLAQUEMINES EXP STA	0	0	0	68	209	354	540	341	179	2	3	0	1696	1586
RESERVE	0	0	0	48	216	342	523	318	184	1	1	0	1638	
SAINT BERNARD	0	0	0	68	227	373	550	307	136	4	0	0	1665	
THIBODAUX														

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DAILY SOIL TEMPERATURES

LOUISIANA
JULY 1981

STATION		DEPTH	TIME	DAY OF MONTH																												AVERAGE			
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		29	30	31
CALHOUN EXP STATION	IN	4	MAX	94	88	89	88	88	81	86	86	92	94	98	95	91	97	97	97	98	97	98	99	98	97	97	99	100	100	97	95	93	91	92	94.0
		MIN	84	82	82	82	81	78	78	79	80	81	84	82	82	83	85	85	86	86	86	86	86	86	86	86	86	86	86	86	86	83	83	81	81
CLINTON 5 SE	IN	4	MAX	94	89	79	84	84	80	86	88	90	89	88	88	86	95	89	94	95	96	97	97	97	97	99	98	98	96	96	98	96	98	98	92.3
		MIN	79	79	75	75	77	75	78	78	81	78	78	79	79	80	81	82	84	84	85	85	85	85	85	86	86	86	86	86	82	82	84	83	80.5
CROWLEY EXP STATION	IN	4	MAX	100	100	85	89	87	81	90	92	95	95	95	95	96	96	98	101	103	103	103	103	106	17	108	109	107	101	97	94	95	96	96	97.6
		MIN	78	80	74	75	77	74	75	75	79	79	81	76	77	79	80	81	80	81	82	82	82	83	85	86	86	86	86	79	80	80	80	79.9	
HAMMOND 5 E	IN	4	MAX	100	90	78	89	89	84	90	92	98	98	99	90	92	96	100	103	104	105	105	106	105	105	107	105	105	101	02	102	104	104	93	98.2
		MIN	77	77	74	74	76	75	75	77	77	81	76	76	77	78	79	82	82	82	84	86	86	85	84	85	81	81	83	84	82	79	78	79.6	
HOUMA	IN	4	MAX	87	88	80	83	80	80	84	88	89	88	85	85	86	91	93	95	95	95	95	92	96	96	91	92	93	93	86	90	91	91	92	89.1
		MIN	75	77	75	74	80	76	76	78	79	81	80	72	77	77	78	79	82	84	81	82	83	84	82	81	84	81	79	78	78	78	78	79.0	
LSU DEAN LEE EXP STA	IN	4	MAX	90	96	89	90	92	85	87	89	92	95	95	96	94	96	92	98	98	100	101	102	102	102	103	103	103	101	00	94	93	99	97	95.9
		MIN	85	89	83	82	82	80	82	80	82	83	85	86	86	86	86	88	89	89	90	90	91	91	91	91	92	93	94	92	87	86	89	92	87.5
REO RIV VALLEY EXP STA	IN	4	MAX	96	88	94	94	86	83	86	88	93	98	99	99	99	97	98	99	100	100	100	100	100	100	101	102	103	100	94	92	86	92	95.5	
		MIN	82	82	81	80	81	76	71	76	77	78	82	80	80	82	82	84	84	85	84	84	84	84	85	86	86	87	87	86	81	80	79	81.6	
ROSEFINE EXP STN	IN	4	MAX	103	95	87	98	91	81	87	91	92	96	97	96	92	95	103	106	105	105	108	107	108	107	109	110	105	104	97	90	100	105	105	99.2
		MIN	80	79	77	77	77	74	73	76	78	78	77	76	77	77	78	81	80	82	82	84	84	89	86	88	85	83	81	78	78	78	83	79.9	
SAINT JOSEPH EXP STA	IN	4	MAX	99	88	84	91	95	84	92	94	99	100	101	101	100	99	98	99	100	100	101	101	101	101	101	103	103	103	101	102	97	96	95	97.5
		MIN	86	81	79	79	82	79	78	81	81	85	85	86	87	88	89	88	87	89	88	90	89	87	84	89	91	89	89	88	86	85	84	85.5	
WINNSBORO	IN	4	MAX	92	86	84	85	89	80	85	89	94	97	100	99	92	87	99	95	99	96	98	97	99	98	97	98	101	99	95	95	91	95	92	93.6
		MIN	75	80	79	79	79	76	75	78	79	81	89	89	83	82	85	85	85	85	85	84	86	86	85	84	84	86	82	81	80	79	81	81	82.0

STATION-NAME		SOIL-TYPE	SOIL-COVER	SLOPE	UNITS
CALHOUN EXP STATION		RUSTON FINE SANDY LOAM	BARE	0% TO 5	F
CLINTON 5 SE		BUFF TERRACE	BARE	0%	F
CROWLEY EXP STATION		COASTAL PRAIRIE	BARE	0%	F
HAMMOND 5 E		FINE SANDY LOAM	BARE	0%	F
HOUMA		MOON SILT CLAY LOAM	BARE	0%	F
LSU DEAN LEE EXP STA		RED RIVER ALLUVIAL	BARE	0%	F
REO RIVER VALLEY EXP STA		RED RIVER ALLUVIAL	BARE	0%	F
SAINT JOSEPH EXP STA		SHARKEY CLAY	BARE	0%	F
WINNSBORO		BLUFF TERRACE	BARE	0%	F

EVAPORATION AND WIND

LOUISIANA
JULY 1981

STATION		DAY OF MONTH																															TOTAL OR AVG	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST																																		
01	RED RIV VALLEY EXP STA	EVAP	29.	14.	30.	18.	03.	21.	21.	21.	23.	26.	26.	24.	28.	32.	33.	29.	31.	31.	32.	34.	32.	31.	31.	33.	37.	27.	39.	21.	13.	22.	8.18	
02	NORTH CENTRAL	WIND	28.	25.	31.	29.	43.	36.	43.	39.	18.	8.	10.	18.	19.	19.	33.	28.	28.	22.	27.	33.	42.	23.	22.	25.	19.	37.	27.	33.	29.	17.	14.	825
CALHOUN EXP STATION		EVAP	25.	20.	22.	13.	17.	07.	26.	26.	21.	24.	33.	21.	19.	29.	27.	29.	29.	26.	30.	27.	33.	28.	25.	31.	28.	36.	21.	15.	23.	19.	23.	7.53
03	NORTHEAST	WIND	5.	17.	12.	7.	10.	7.	13.	10.	5.	11.	13.	16.	5.	6.	10.	11.	13.	14.	11.	12.	17.	18.	10.	10.	5.	11.	9.	8.	10.	17.	18.	341
SAINT JOSEPH EXP STA		EVAP	*	53.	19.	26.	03.	32.	32.	37.	13.	32.	25.	31.	18.	20.	32.	29.	21.	31.	32.	32.	33.	27.	25.	17.	38.	30.	25.	25.	24.	24.	11.	7.788
06	EAST CENTRAL	WIND	38.	58.	41.	22.	73.	72.	45.	37.	13.	32.	25.	31.	18.	20.	32.	29.	21.	31.	32.	35.	37.	27.	9.	10.	16.	27.	23.	29.	25.	37.	33.	962
LSU BEN-HUR EXP STN		EVAP	38.	10.	15.	16.	27.	19.	24.	21.	20.	19.	33.	24.	08.	33.	29.	26.	27.	20.	30.	24.	27.	28.	30.	34.	30.	19.	26.	21.	28.	29.	59.	7.94
		WIND	16.	22.	17.	11.	38.	28.	35.	27.	6.	14.	20.	12.	11.	7.	15.	15.	14.	13.	15.	10.	17.	17.	23.	25.	24.	17.	25.	19.	21.	33.	27.	594
		MAX	101.	56.	78.	100.	98.	87.	98.	103.	05.	02.	101.	00.	01.	06.	07.	106.	105.	07.	108.	05.	107.	105.	105.	104.	102.	103.	103.	103.	103.	99.	101.	7.
		MIN	78.	78.	73.	73.	78.	74.	75.	75.	78.	75.	73.	74.	79.	81.	81.	81.	80.	80.	81.	81.	79.	81.	79.	81.	79.	77.	78.	79.	78.	76.	77.	77.8
SOUTHEAST																																		
09	HOUMA	EVAP	23.	21.	12.	18.	09.	19.	-	27.	23.	25.	20.	07.	54.	-	21.	33.	16.	18.	25.	23.	24.	28.	18.	20.	29.	19.	14.	21.	-	-	-	6.768
		WIND	27.	10.	15.	22.	16.	57.	39.	8.	37.	28.	37.	15.	30.	9.	11.	11.	14.	13.	16.	15.	16.	24.	16.	21.	33.	22.	31.	19.	7.	20.	18.	657

EVAPORATION: IS MEASURED IN INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

[illegible]

STATION INDEX

LOUISIANA
JULY 1981

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL	
PARADIS 7 S	709609	ST CHARLES	29 47	90 26	5	4P	4P		H	RUDOLPH MELANCAN JR	
PEARL RIVER LOCK 1	716106	TAMMANY	30 27	89 47	30	8A	8A			U S CORPS OF ENGINEERS	
PINE GROVE FING	730406	HELENA	30 42	89 45	190	8A	1P		H	LEON SANDERS JR	
PLAQUEMINES 2	734401	BOSSIERVILLE	32 54	90 41	291	8A	8A	7A		US CHEMICALS	
PLAQUEMINES EXP STA	736608	BOSSIERVILLE	30 19	89 50	20	4P	4P	4P		OSU CHLAQUA MINES	
PORT ALLEN	744805	PLAQUEMINES	29 35	89 50	15	8A	8A	8A		CITY-PORT ALLEN	
RED RIVER VALLEY EXP STA	773801	BATON ROUG	30 27	91 13	155	8A	8A	8A		LSU RED RIVER	
RESERVE	776709	BOSSIER	32 25	91 38	160	8A	8A	8A		LSU PECAH-EXP STN	
ROBSON	792401	JOHN BAPT	32 04	90 33	160	8A	8A	8A		US FISH & WILDLIFE	
ROCKFELLER WL REFUGE	793207	CADDO	32 21	90 39	4	8A	8A	8A		US FISH & WILDLIFE	
RODESSA	795001	CAMERON	29 44	92 49	208	8A	8A	8A		US FISH & WILDLIFE	
ROSEPINE EXP STATION	804604	CADDO	32 58	93 00	238	8A	8A	8A		US FISH & WILDLIFE	
RUSTON	806702	VERNON	32 32	92 36	300	8A	8A	8A		US FISH & WILDLIFE	
RUSTON - LA TECH UNIV	806702	VERNON	32 32	92 36	300	8A	8A	8A		US FISH & WILDLIFE	
SAINT BERNARD	809402	VERNON	32 32	92 36	300	8A	8A	8A		US FISH & WILDLIFE	
SAINT FRANCISVILLE	810809	VERNON	32 32	92 36	300	8A	8A	8A		US FISH & WILDLIFE	
SAINT JOSEPH EXP STA	816303	VERNON	32 32	92 36	300	8A	8A	8A		US FISH & WILDLIFE	
SHERIDAN FIRE TOWER	840506	WASHINGTON	30 51	89 55	330	8A	8A	8A		US FISH & WILDLIFE	
SHERVEPORT DOWNTOWN	843601	CADDO	32 28	93 45	180	8A	8A	8A		US FISH & WILDLIFE	
SHREVEPORT MSO AP	844001	CADDO	32 28	93 45	180	8A	8A	8A		US FISH & WILDLIFE	
SIMMESPORT	850705	VERNON	30 59	91 49	254	8A	8A	8A		US FISH & WILDLIFE	
SLAGLE	852404	VERNON	31 12	89 48	300	8A	8A	8A		US FISH & WILDLIFE	
SLIDERSVILLE FIRE TOWER	853906	TAMMANY	30 15	89 48	10	8A	8A	8A		US FISH & WILDLIFE	
SPEARINGVILLE FIRE TOWER	866902	VERNON	32 54	92 37	200	8A	8A	8A		US FISH & WILDLIFE	
STERLINGTON FIRE TOWER	871506	LIVINGSTON	30 26	90 39	250	8A	8A	8A		US FISH & WILDLIFE	
STEVENSON	878502	ACHITA	32 43	92 05	30	8A	8A	8A		US FISH & WILDLIFE	
SUGAR TOWN	879503	MOOREHOUSE	32 54	91 58	160	8A	8A	8A		US FISH & WILDLIFE	
SULLY LAH	882807	BEAUREGARD	30 51	91 51	150	8A	8A	8A		US FISH & WILDLIFE	
THALLOLAH	883203	CADDO	30 14	93 33	125	8A	8A	8A		US FISH & WILDLIFE	
THERMIDON LOCK	890130	MAFORD	32 29	90 45	85	8A	8A	8A		US FISH & WILDLIFE	
VINDALIA	931307	VERNON	29 47	92 12	240	8A	8A	8A		US FISH & WILDLIFE	
VINTON	933750	CONCORDIA	30 35	91 35	160	8A	8A	8A		US FISH & WILDLIFE	
WATSON 3 ENE	948006	LIVINGSTON	30 36	90 54	65	8A	8A	8A		US FISH & WILDLIFE	
WINNSBORO 2 W	980302	FRANKLIN	32 56	92 42	160	8A	8A	8A		US FISH & WILDLIFE	
WINNAPOLIS FIRE TOWER	980902	WINNAPOLIS	32 07	92 38	220	8A	8A	8A		US FISH & WILDLIFE	
WOODBURY 2 ESE	993006	BATON ROUG	30 38	91 08	116	8A	8A	8A		US FISH & WILDLIFE	

REFERENCE NOTES

LOUISIANA
JULY 1981

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

RESULTANT WIND: The vector sum of wind velocity (direction and speed) divided by the number of observations. In "Supplemental Data" tables, resultant directions are in tens of degrees.

WIND: IAs shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- ++ Highest observed one minute wind speed. The station is not equipped with an instrument to measure fastest mile.
- * Gage not read. The precipitation included in the amount following the asterisks. Time distribution not known.
- // Gage equipped with a windshield.
- ~ Extreme occurred at a station with incomplete data. It may have been exceeded at that station.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading.
- B Adjusted monthly value of evaporation. Total evaporation amount is divided by number of recorded days, multiplied by number of days in the month.
- D Water equivalent of snowfall entirely or partially estimated, using a ratio of 1 inch water to every 10 inches of new snowfall.
- M Missing data. It appears with the average temperature in the "Monthly Summarized Station and Divisional Data" table if less than 10 days data are missing and it appears alone if 10 or more days are missing.
- R Amounts from recording gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Monthly Snowfall and Snow on Ground" table.
- J Observations appear in "Supplemental Data" table.
- MID Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months.
- WI Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Late Reports and Corrections will be published annually as a supplemental bulletin.

Interpolated values for monthly precipitation totals may be found in the annual issue of this bulletin. Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE THRU,
THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE N.C. 28801
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SPECIAL WEATHER SUMMARY

July 1981 ... Hot and below normal rainfall ...

The Louisiana average temperature for July 1981, is 83.4°, which is 1.4° above normal. It ties as the 10th warmest July on record (with records dating back to 1888). Rainfall averaged 4.66 inches over the State, which is .93 of an inch below normal. The driest area in the State was the north central zone, where the soil became severely dry.

During July the controlling westerly flow aloft retreated far to the north to near the Canadian Border, with surface storms and fronts crossing the northern states from west to east. Louisiana was frequently dominated by a ridge aloft, especially from about the 13th through the 23d. At the surface this ridge was associated with the Gulf High (GH) weather type, excessively high temperatures, and few if any showers. Early in the month and again later in the month, weak easterly tropical flows aloft produced Gulf Return (GR) and Coastal Return (CR) weather over most of the State, with weak disturbed tropical weather over southern sections on the 9th through the 12th, and a slow moving cold front and associated storm weather types late in the month on the 29th into the 31st. The resultant monthly climate on the statewide basis was warmer than normal everywhere, and drier than normal over most northern and eastern sections.

Synoptic Weather Type

	JULY	
	1981	1961-80
Pacific High (PH)	0	0
Continental High (CH)	4	6
Frontal Overrunning (FOR)	0	3
Coastal Return (CR)	16	12
Gulf Return (GR)	35	21
Frontal Gulf Return (FGR)	3	7
Gulf Tropical Disturbance (GTD)	6	11
Gulf High (GH)	36	40
Continental Index (CH+FOR)	4	9
Tropical Index (CR+GR+FGR+GTD+GH)	96	91
Storminess Index (FOR+FGR+GTD)	9	21

July 1981 was some what similar to July 1980, but not nearly so extreme. The Frontal Overrunning (FOR) frequency of 0% tied with 7 other Julys during the 20-year period, the Gulf Return (GR) and the Frontal Gulf Return (FGR) frequencies were the fifth highest and lowest respectively for the 20 years. In summary, the Continental Index (CI) of 4% was the 5th lowest of record, the Tropical Index (TI) of 96% was the 5th highest of record, and the Storminess Index (SI) of 9% tied for the 2d lowest of record.

The warmest July on record occurred in 1980 with an average of 84.9°.

The lowest reported temperature was 65° at Franklin-ton on the 3d, and at Tallulah and Winnsboro on the 31st. The highest was 104° at Many on the 24th.

Eight record high temperatures were equalled or exceeded at New Orleans Moisant Airport, and three were tied at Audubon Park in New Orleans. Two record highs were tied in Baton Rouge during July.

July 1981 was the 4th warmest on record over the southeast and south central climate zones. It was the 5th warmest over central Louisiana, and 7th warmest over the east central zone.

The coolest area in the State was the Northwest, where the average temperature for the division was 83.0°, 0.7° above normal. In Shreveport the amount of cooling degree days was slightly below normal.

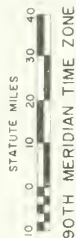
The Louisiana average rainfall for July 1981, is 4.66 inches, which is .93 of an inch below normal. The highest monthly precipitation was 13.33 inches at Saint Francisville in West Feliciana Parish. The maximum rainfall in 24 hours was 7.26 inches at New Roads on the 2d.

The driest area in the State was north central Louisiana, where rainfall averaged 2.92 inches, or about 1.55 inches below normal. However, the south-east had the largest below normal rainfall with 4.19 inches, 3.36 inches below normal.

Soil moisture was lowest over north central Louisiana, where it was severely dry. Except for moist conditions over southwest, south central, and the south portion of west central Louisiana, the remainder of the State was dry.

Dr. Robert A. Muller, State Climatologist
Department of Geography and Anthropology
LSU, Baton Rouge, LA 70803

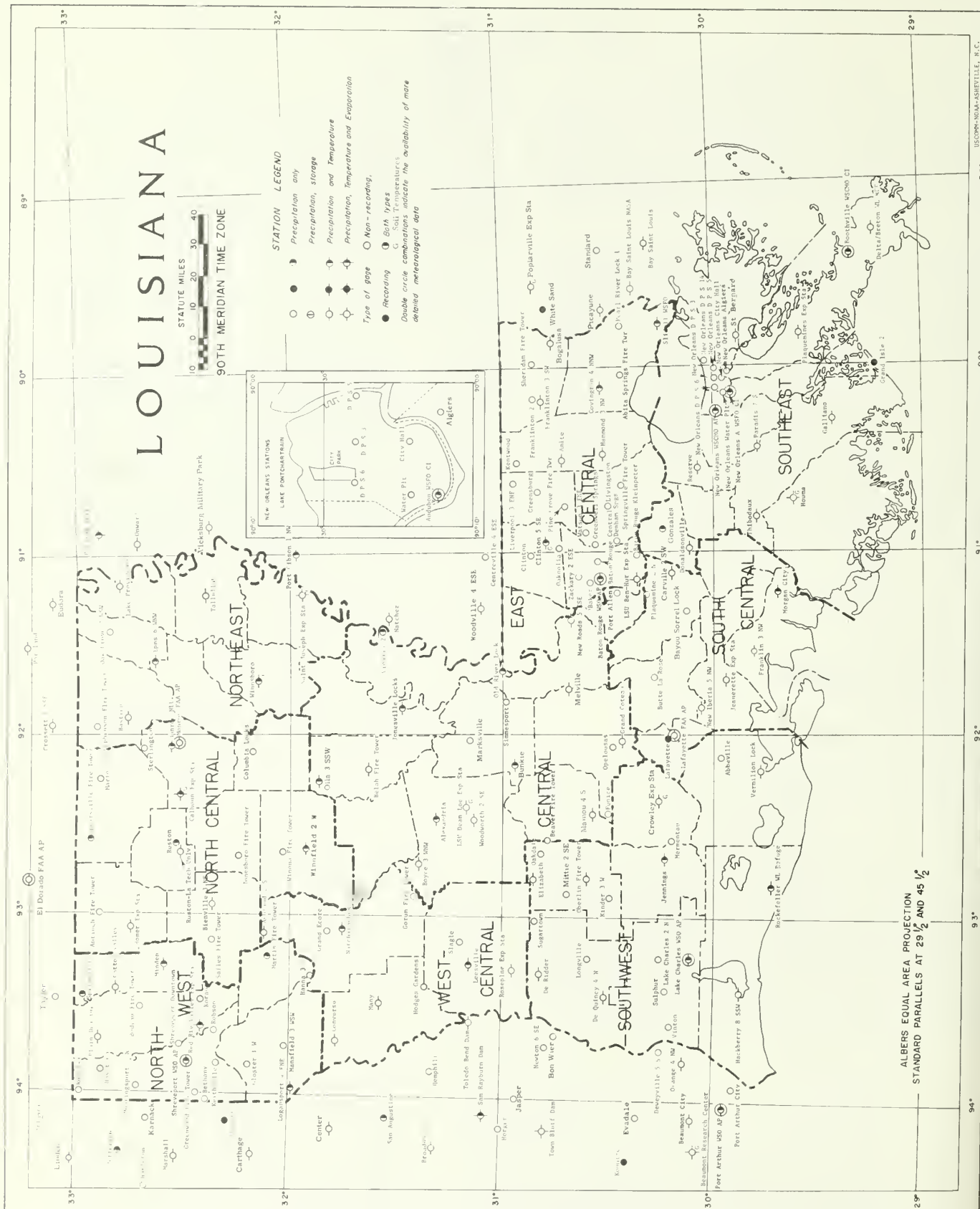
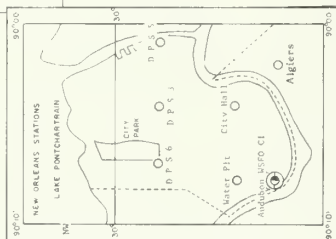
LOUISIANA



STATION LEGEND

○	Precipitation only
●	Precipitation, storage
⊖	Precipitation and Temperature
⊕	Precipitation, Temperature and Evaporation
○	Non-recording.
●	Recording
⊖	Both types
⊕	Soil Temperature

Double circle combinations indicate the availability of more detailed meteorological data



ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^{\circ}$ AND $45\frac{1}{2}^{\circ}$

U. S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N. C. 28801

POSTAGE AND FEES PAID
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COM 210



THIRD CLASS
BULK RATE

CLIMATOLOGICAL DATA

LOUISIANA

AUGUST 1981

VOLUME 86

NUMBER 8



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF
THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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28801

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
AUGUST 1981

HIGHEST TEMPERATURE:
LOWEST TEMPERATURE:
GREATEST TOTAL PRECIPITATION:
LEAST TOTAL PRECIPITATION:
GREATEST 1 DAY PRECIPITATION:

WINNSBORO
3 STATIONS
NEW ORLEANS WSCMO AP
DE RIDDER
NEW ORLEANS D P S 6

105
58
11.19
4.30
DATE 16
DATE 10+
DATE 20

SUPPLEMENTAL DATA

STATION	WIND DATA (SPEED IN MPH)				RELATIVE HUMIDITY AVERAGE (%)				NUMBER OF DAYS WITH PRECIPITATION (INCHES)						PERCENTAGE OF POSSIBLE SUNSHINE	AVERAGE SKY COVER (TENTHS)	SUNRISE-SUNSET		
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE SPEED	FASTEST MILE		00	06	12	18	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99				OVER 1.99	TOTAL
				SPEED	DIRECTION														
BATON ROUGE WSO AP	10	0.2	3.9	21	14	30+	93	97	61	70	3	5	1	2	0	12	5	3	
LAKE CHARLES WSO AP	11	1.9	5.8	33	10	27	92	94	65	72	5	5	4	1	0	16	5	4	
NEW ORLEANS WSO AP	11	1.0	4.8	30	18	10	90	93	70	75	1	0	1	4	1	14	6	1	
SHREVEPORT WSO AP	17	0.3	6.1	23	1	26+	86	92	58	60	2	5	3	0	0	10	1	1	

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
AUGUST 1981

STATION		TEMPERATURE (°F)										PRECIPITATION (IN)																		
		AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	SNOW	SLEET	NO. OF DAYS	1.00 OR MORE	.50 OR MORE	.10 OR MORE	DATE		
												90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW															
01 NORTHWEST		92.8	69.5	81.2	10116	6310+	6310+	10116	0	50924	0	0	0	0	3.12		2.3527			0	0	0	0	0	0	0	0	0	0	0
COTTON VALLEY		94.5	71.1	82.1	9915	599	599	9915	0	53728	0	0	0	0	3.50		1.321			0	0	0	0	0	0	0	0	0	0	0
LOGANSPORT 4 ENE		92.4	68.5	79.7	10016	629	629	10016	0	46521	0	0	0	0	3.54		1.1627			0	0	0	0	0	0	0	0	0	0	0
PLAIN DEALING		90.9	70.1	81.6	9816	6321+	6321+	9816	0	52327	0	0	0	0	2.87		2.002			0	0	0	0	0	0	0	0	0	0	0
RED RIV VALLEY EXP STA		93.1	70.3	81.3	10116	6321+	6321+	10116	0	52327	0	0	0	0	2.87		2.002			0	0	0	0	0	0	0	0	0	0	0
SHREVEPORT WSO AP		92.3	70.3	81.3	9915+	639	639	9915+	0	51125	0	0	0	0	.94		.41			0	0	0	0	0	0	0	0	0	0	0
DIVISION				81.3										2.91						0	0	0	0	0	0	0	0	0	0	0
02 NORTH CENTRAL		93.7	70.3	82.0	10115	619	619	10115	0	53624	0	0	0	0	2.18		7317			0	0	0	0	0	0	0	0	0	0	0
BIENVILLE 3 NE		94.2	70.1	80.2	9916	6210+	6210+	9916	0	47324	0	0	0	0	3.54		1.298			0	0	0	0	0	0	0	0	0	0	0
CALHOUN EXP STATION		91.4	68.7	80.1	10016	6411+	6411+	10016	0	51623	0	0	0	0	2.04		1.582			0	0	0	0	0	0	0	0	0	0	0
HOMER EXP STATION		91.7	71.1	81.5	9916+	6210+	6210+	9916+	0	51623	0	0	0	0	2.47		1.413			0	0	0	0	0	0	0	0	0	0	0
MONROE FAA AP		92.9	70.0	81.5	10016	629	629	10016	0	51525	0	0	0	0	2.47		1.582			0	0	0	0	0	0	0	0	0	0	0
MONROE NLU		92.9	70.0	81.5	10016	629	629	10016	0	51525	0	0	0	0	2.47		1.582			0	0	0	0	0	0	0	0	0	0	0
RUSTON-LA TECH UNIV		93.5	69.8	81.7	10216	629	629	10216	0	52427	0	0	0	0	3.54		1.407			0	0	0	0	0	0	0	0	0	0	0
WINNFIELD 2 W		93.6	69.4	81.5	10116	599	599	10116	0	51927	0	0	0	0	1.24		1.403			0	0	0	0	0	0	0	0	0	0	0
DIVISION				81.5										2.55						0	0	0	0	0	0	0	0	0	0	0
03 NORTHEAST		94.5	71.6	82.1	10215	649	649	10215	0	56926	0	0	0	0	3.81		1.10			0	0	0	0	0	0	0	0	0	0	0
BASTROP		93.6	70.7	82.2	10017	659	659	10017	0	53826	0	0	0	0	1.45		1.208			0	0	0	0	0	0	0	0	0	0	0
EBBS 6 NW		92.9	71.6	82.0	10017+	6310	6310	10017+	0	54523	0	0	0	0	1.82		.33			0	0	0	0	0	0	0	0	0	0	0
LAKE PROVIDENCE		92.2	67.9	80.5	9717	609	609	9717	0	48626	0	0	0	0	1.82		.714			0	0	0	0	0	0	0	0	0	0	0
SAINT JOSEPH EXP STA		93.1	67.9	80.5	310017	609	609	310017	0	48626	0	0	0	0	1.82		.6131			0	0	0	0	0	0	0	0	0	0	0
TALLULAH		96.4	68.6	82.5	510516	6010+	6010+	510516	0	54931	0	0	0	0	1.80		1.4016			0	0	0	0	0	0	0	0	0	0	0
WINNSBORO				82.1										1.74						0	0	0	0	0	0	0	0	0	0	0
DIVISION				82.1										1.74						0	0	0	0	0	0	0	0	0	0	0
04 WEST CENTRAL		94.2	68.1	81.2	10116	5810	5810	10116	0	50628	0	0	0	0	2.82		.8431			0	0	0	0	0	0	0	0	0	0	0
ASHLAND		94.6	68.2	81.4	10117	589	589	10117	0	51330	0	0	0	0	1.14		.3527			0	0	0	0	0	0	0	0	0	0	0
CONVERSE		94.9	70.3	82.6	9919+	629	629	9919+	0	53328	0	0	0	0	1.20		1.024			0	0	0	0	0	0	0	0	0	0	0
LEESVILLE		95.5	67.7	81.6	10116	589	589	10116	0	52531	0	0	0	0	2.29		2.2427			0	0	0	0	0	0	0	0	0	0	0
MANY		94.5	72.5	83.5	10116	649	649	10116	0	57831	0	0	0	0	2.29		.813			0	0	0	0	0	0	0	0	0	0	0
NATCHITOCHES		94.2	70.5	82.4	9919+	629	629	9919+	0	54427	0	0	0	0	1.48		.6825			0	0	0	0	0	0	0	0	0	0	0
ROSELINE EXP STATION				82.4										2.10						0	0	0	0	0	0	0	0	0	0	0
DIVISION				82.1										2.10						0	0	0	0	0	0	0	0	0	0	0
05 CENTRAL		94.5	71.5	83.0	10217	6410+	6410+	10217	0	59328	0	0	0	0	5.90		1.833			0	0	0	0	0	0	0	0	0	0	0
ALEXANDRIA		95.7	70.5	83.0	9916+	6822+	6822+	9916+	0	59328	0	0	0	0	2.97		1.303			0	0	0	0	0	0	0	0	0	0	0
BEAUFORT TOWER		94.7	73.3	84.1	10016	649	649	10016	0	59328	0	0	0	0	1.54		1.035			0	0	0	0	0	0	0	0	0	0	0
BOYCE 3 NW		94.3	72.0	82.6	9818	6726+	6726+	9818	0	55529	0	0	0	0	1.54		1.567			0	0	0	0	0	0	0	0	0	0	0
BUNKIE		93.2	72.0	82.6	9917	625+	625+	9917	0	53329	0	0	0	0	1.92		.5425			0	0	0	0	0	0	0	0	0	0	0
GRAND COTEAU		93.2	72.0	82.6	9817+	649	649	9817+	0	53329	0	0	0	0	3.22		1.713			0	0	0	0	0	0	0	0	0	0	0
JONESVILLE LOCKS		92.9	70.8	81.9	10017+	7010+	7010+	10017+	0	63025	0	0	0	0	2.73		2.401			0	0	0	0	0	0	0	0	0	0	0
LSU DEAN LEE EXP STN		92.5	74.4	84.8	9718	669	669	9718	0	55429	0	0	0	0	5.16		2.441			0	0	0	0	0	0	0	0	0	0	0
MAMOU 4 S		92.2	72.1	82.7	9619+	669	669	9619+	0	55429	0	0	0	0	1.04		2.003			0	0	0	0	0	0	0	0	0	0	0
MELVILLE		92.2	72.1	82.7	9718	669	669	9718	0	55429	0	0	0	0	1.04		2.003			0	0	0	0	0	0	0	0	0	0	0
NEW ROADS 5 ESE		93.2	72.1	82.7	9619+	669	669	9619+	0	55429	0	0	0	0	1.04		2.003			0	0	0	0	0	0	0	0	0	0	0
OLD RIVER LOCK		92.9	70.7	81.8	971	5510+	5510+	971	0	53127	0	0	0	0	1.53		1.02			0	0	0	0	0	0	0	0	0	0	0
OLLA 3 SSW		94.3	69.0	82.2	10217	599	599	10217	0	54130	0	0	0	0	4.48		2.441			0	0	0	0	0	0	0	0	0	0	0
WOODWORTH 2 SE				82.2										7.2						0	0	0	0	0	0	0	0	0	0	0
DIVISION				82.7										1.26						0	0	0	0	0	0	0	0	0	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
AUGUST 1981

SEE REFERENCE	NOTES	FOLLOWING	STATION	INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
AUGUST 1981

STATION DAY OF MONTH

TOTAL

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
01 NORTHWEST															
BETHANY FIRE TOWER	2.49														
COTTON VALLEY	2.84	.07	.26				1.38	.04							
GLOSTER 1 W FIRE TOWER	3.12	.01	.04		.17		.05					T			
GREENWOOD FIRE TOWER	2.60	.98					.15								
HANNA 3 S	3.25	T					.12								
HOSSTON	3.76	1.94					.02								
KEITHVILLE	3.62	.07				.02	.76					.04			
KORANSPORT 4 ENE	3.53	.37				.05	.41								
LOGANSFIELD 3 WSW	3.02	2.00			.13		.52	.32							
MARTIN FIRE TOWER	3.00						.19								
MINDEN	4.49						.83								
MOORINGSPO 1 N	2.87	1.25					.18								
PLAIN DEALING EXP STA	1.75	1.17	.23				T								
ROBERTSON	2.76	.99					.02								
RODESSA	3.60	T					.03								
SHREVEPORT DOWNTOWN	3.94														
SHREVEPORT WSO AP	1.12														
SPRINGHILL															
02 NORTH CENTRAL															
ANTIOCH FIRE TOWER	70						1.35								
BIENVILLE 3 NEATION	2.18		.35				.40								
CALHOUN EXP STATION	1.85		.02	.04			.09	1.29							
COLUMBIA LOCKS	1.60			.28				T							
COLUMBIA EXP STATION	3.54			.05	.44		1.85								
HOMESBORO FIRE TOWER	3.91	.13					.37								
JONASBORO	3.27	1.58	.66				.80								
MARION	3.47						.56								
MONROE FAA AP	3.47			.13											
MONROE NLU	3.54						1.20	.49							
RUSTON - A TECH UNIV	3.54						.40	.20							
SAILES FIRE TOWER	3.04						.16	.14							
SAILES VILLON FIRE TOWER	3.49					.05	.33								
STERLINGTON	3.66	.60					.56								
WINNFIELD 2 W	1.24	.10													
WINNFIELD FIRE TOWER	1.51		.08	.01			.07	1.32							
03 NORTHEAST															
BASTROP	3.81		.70												
BEPPS 6 WNW	1.92						1.10	1.20							
LAKE PROVIDENCE	1.45						.07								
OAK GROVE 2 WSW	1.11			.16			.33								
SAINTE JOSEPH STA	1.83			.71	.15		.69	.42							
STEVENSON FIRE TOWER	2.20			1.09											
TALLULAH	2.62			.32											
WINNSBORO	1.80							.04							
04 WEST CENTRAL															
ASHLAND	2.82	.81					.05	.03							
CONSUM FIRE TOWER	1.14	.10					.75								
GRAND ECORE	1.78	.03													
HODGES GARDENS	1.74														
LEESVILLE	1.36	.40													
MANY	2.66	.28	.81												
NATCHITOCHES	2.28														
ROSEPINE	1.98														
SLAGLE															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

[illegible]

SEE REFERENCE NOTES FOLLOWING STATION INDEX 6

DAILY PRECIPITATION (INCHES)

LOUISIANA
AUGUST 1981

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
05																
CENTRAL	3.63															
ALEXANDRIA FIRE TOWER	5.30															
BEAUFORT FIRE TOWER	2.50															
BELLAIR 3 NW	1.50															
BUNKIE	1.16															
EUNICE	1.19															
GRANDVILLE LOCKS	2.52															
LSU DEAN LEE EXP STN	3.22															
MARKSVILLE	1.00															
MELVILLE	1.15															
NEW RIVER 5 ESE	3.20															
OLD RIVER LOCK	4.59															
OPELOUSAS	1.33															
PORT ALLEN	4.59															
SIMMESPORT	1.44															
VIDALIA 2	1.32															
WOODWORTH 2 SE	4.48															
06																
EAST CENTRAL	7.34															
SPRINGS FIRE TWR	6.64															
AMITE	4.50															
BAKER	4.47															
BATON ROUGE CENTRAL	4.46															
BATON ROUGE WSO AP	5.13															
BATON ROUGE WOODLAWN	3.98															
BOGALTON	3.47															
CLINTON 5 SE	4.07															
CLINTON 4 NNW	2.02															
CORNING SPRINGS	4.49															
DENHAM	4.35															
FRANKLIN 3 SW	5.11															
GREENSBURG	2.39															
GREENWELL SPRINGS	6.10															
HAMMOND 5 E	2.02															
HAMMOND 3 NW	3.35															
HAMMOND 3 ENE	2.35															
LIVERPOOL 3	2.36															
LIVINGSTON 3	4.07															
LSU BENGAL 3 EXP STN	7.07															
LSU BENGAL 3 EXP STN	4.79															
PEARL RIVER LOCK 1	3.58															
PIERCE GROVE FIRE TOWER	7.41															
SAINT FRANCISVILLE	6.40															
SHRIDAN FIRE TOWER	4.87															
SLIDING WSO FIRE TOWER	3.41															
SPRINGVILLE	4.85															
WATSON 3 ESE																
ZACHARY 2 ESE																
07																
SOUTHWEST	2.76															
ABBEVILLE EXP STATION	2.17															
CROWLEY 4 N	5.54															
DE RIDGE	2.19															
ELIZABERRY 8 SSW	2.36															
HACKBERRY 3 W	1.27															
JENNINGS	3.06															
LAKE CHARLES 2 N AP	3.51															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
AUGUST 1981

STATION		DAY OF MONTH															
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
05	CENTRAL ALEXANDRIA FIRE TOWER ALEXANDER FIRE TOWER BEAVER FIRE TOWER BOYCE 3 WNW BUNKIE GRAND COTEAU LOCKS JONESVILLE EXP STN LSU DEAN S MARKSVILLE NEW RIVERS 5 ESE OLD RIVER LOCK OPELOUSAS PORT ALLEN SIMMESPORT VIDALIA 2 WOODMORTH 2 SE		T	.26	.09 .19				.35	.15	.46			T	.05		1.35 1.16 1.83 .15 .35 .04 .17 .28 .41 .10 .57 T 2.00 .37 .08 .10 .30 1.30
06	EAST CENTRAL ABITA AMITE BATAON BATAON ROUGE BATAON ROUGE WOODLAWN BOGALTON CLINTON 5 SE CLINTON 4 NNW COVINGTON SPRINGS DENHAM SPRINGS FRANKLIN 3 SW GREENWELL SPRINGS HAMMOND 3 NW HAWTHOOD KENTWOOD 3 ENE LIVINGSTON 3 ENE LSU BEN-HUR EXP STN LOUISIANA OAK RIVER FIRE TOWER PINE GROVE FIRE TOWER SAINT FRANCISVILLE SHRIDAN FIRE TOWER SPRINGFIELD FIRE TOWER WATSON 3 ESE ZACHARY 2 ESE	.01 .66 R .02 .03 .05 T .02 .27 .15 .12 .09	.03 .01 .05 .28 .43 .02 .27 .15 .12 .09	.03 .01 .25 .18 .04 .60 .25 .41 .30 .13	1.19 .31 T 2.55 .20 .06 1.00 .55 .06 1.00 .25 .04 .60 .25 .41 .30 .13	.25 .33 .06 .10 .11 .91 .36 .61 .15 .04 .57 .07 .33 .01 1.05			1.11 T 1.50 .10 .31 .03 .18 .12 .05 .21	.01 .63 1.50 .10 .31 .03 .91	T .28 24 .27 .01 .04 .52 .36 .48 .03			.64 .10 T .02 .02 .17 .36 .03 .07 .03 .02 T .36 .17 .22	.50 1.14 T .03 .09 .08 .19 .36 .07 .20 1.01 .60 1.22 .83 .10 .07 .03 1.22 1.40 .28 1.15 1.50 1.71 .84 T .07 1.10 .20 .14 .43	15 2.10 .83 .60 T .78 .54 .13 .53 1.41 .07 .24 1.75 1.00 .74 2.23 2.03 1.04 1.58 2.34 1.57 2.33 2.03 1.22 1.40 .28 1.15 1.50 1.71 .84 T .07 1.10 .20 .14 .43	
07	SOUTHWEST ABBEVILLE EXP STATION CROWLEY 4 N DE RIDER ELIZABETH 8 SSW HACKBERRY JENNINGS 3 W KINDERCHARLES 2 N AP LAKE CHARLES WSO AP		T		.02	T		.08		.30	1.20 .53 .01 .03 .32			.08 T .01 T 1.22	T .07 1.10 .20 .14 .43	.86 .18 1.51 .04 .09 .01 .85 T .09	T 1.62 1.51 .04 .09 .01 .85 T .09

SEE REFERENCE NOTES FOR FOLLOWING STATION INDEX

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
AUGUST 1981

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LONGVILLE	86	.04				.14	.13	.05				T				
MERTEN	2.01					1.23	.33		.20						.06	
MITTIE	2.53			.29		.03	.10		.40							
OAKDALE	1.18					.03	T		.11			.08	.17			1.03
ROCKEFELLER	9.54		.38	.44	1.47	.03	.27	.52	1.50				.35			
SUGARHURST	3.39					.16	1.60		.07			.03	.22			.56
SULPHUR	3.97	1.56			T	.44	.20	.97	.47							T
VIRGINIA	7.58	.03			.93	.14	.21		.18						.40	
VINTON	.82					T										
SOUTH CENTRAL	08															
BAYOU SORRELL	6.34				.98	.27	.15	.40	.12				.18			
BUTTE LA ROSE	4.52				T	.04	.32	.81	.13				.42	T		
CARVILLE	1.40		.03		.07	.77	.16	.18			1.34	.03			.02	
FRANKLIN	7.76		.03		T	.01	.63	.44				.70		.62		
JEANERETTE	2.07		.03		T	.11	.09	.03				.45			.09	
LAFAYETTE	2.20		.26	.21	.11	.05	.09	.01	.85	.01		.09	.28			
MORGAN CITY	3.24		.27	.19	2.06	.42	.05	.01	.48			.09	.45	T	.01	
NEW IBERIA	5.74		T	.20	.04											
PLAQUEMINE	2.17															
SOUTHEAST	09															
BOOTHVILLE	6.64	.11	1.05	.58	T		1.90		.27	.07		.07	.31	.02		.12
DELTA-BRETON	8.46		.07	.22				.85	.65			.58	.95		1.77	.85
DONALDSONVILLE	4.58	1.15	.07	.17		.07	.09		.80						1.73	
GALLIANO	9.86					.32	.39		.14			.02		.38	.65	
GONZALES	7.10	T	.32	.25		.01	.01	.04		.52	1.97	.05		.03		.05
HOUMA	6.45		.40		1.57	.27	.51		.01		.28					
LOUISIANA	1.10	.92	.07	.54	1.04	.40			.26			.02			.04	
NEW ORLEANS	2.63	.15	.49	.02		.56		.06				.06				
NEW ORLEANS	5.15		.03			.25						.02				
NEW ORLEANS	2.47	.31	.70		.30	.08						.06				
NEW ORLEANS	4.66	.01	.45		.92	.05		.25	.02			.03				
NEW ORLEANS	6.12	.04	.04	.02		.07		.02	.01				.09		.03	
NEW ORLEANS	7.41							.66			.17					
NEW ORLEANS	7.66	.04	.03	1.02	1.05	1.25	.01	.66	.01		.15					
PARADE	7.99	.48	.03	.59	.36	1.30					.22					
PLAQUEMINE	6.21	.45	.17	.88		.46	.29	.15								
RESERVE	4.11					.17										
SAINT BERNARD	5.87					.88										
THIBODAU																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
AUGUST 1981

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LONGVILLE										.42	
MENTAUS										.80	
MITTIE								.80		.15	
OAKDALE				.27				.53		.05	
OBERKELIN FIRE TOWER								.70			
ROCKEFELLER WL REFUGE	1.43	.03									
SUGARTOWN											
SURPHUR											
VERMILION LOCK			.07						.56		
VINTON											
SOUTH CENTRAL LOCK											
BAYOU SORRELL									.27	.90	
BUTTE LA ROSE											
CARVILLE 2 NW								.61	.35	.05	
FRANKLIN 3 NW		.04									
JEANETTE EXP STN					.04						
JARAYETTE FAA AP					.15				.02	.03	
MORGAN CITY 5 NW		1.55			.27	.01			.02	.05	
NEW IBERIA 5 NW										.24	
PLAQUEMINE 2 N											
SOUTH EAST											
BOOTHVILLE WSCMO CI			.22			.02	.04	.02	.02	.08	.02
DELTA-BRETTON WL REF					.04	.02					.15
DONALDSONVILLE					.81	T	.02		1.57	T	.35
GALLIANO	.75	.52						.02		.20	
GONZALES		.03			.22						
HOUMA	.25	.30	1.10	.04				.03	.01		
LOUISIANA NATURE CTR	.05	.14	.07	.11	.24			.16	.38		
NEW ORLEANS WSCMO AP		2.00	.07	.24				.44	.21		
NEW ORLEANS WFO CIERS			.19	.04	.17			.40	.01		
NEW ORLEANS OATERS 14			.03	.02	.48				.01		
NEW ORLEANS WATER PLT		1.54	.03	.02	1.63				.12		
NEW ORLEANS CITY HALL			.68	.02	.70				.30		
NEW ORLEANS D P S 3			1.74	.08	2.10			.01	.12		
NEW ORLEANS D P S 6		1.23	1.31	.14	4.30		.41	.11	.18		
NEW ORLEANS D P S 7			.40		.56						
PARADES EXP STA			.38	.14	.41						
PLAQUEMINE 5 NW					.37						
PLAQUEMINE 5 NW					.02						
SAINT BERNARD											
THIBODAUX											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
AUGUST
1981

STATION

DAY OF MONTH

AVERAGE

NORTHWEST	DAY OF MONTH																																					AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
01 COTTON VALLEY LOGANSPORT 4 ENE MINDEN PLAIN DEALING RED RIV VALLEY EXP STA SHREVEPORT WSO AP	MAX	94	94	94	96	97	96	97	87	90	93	95	97	97	99	99	101	96	89	79	84	87	88	91	93	92	95	93	90	89	93	92	92	92.8				
	MIN	70	70	71	75	74	74	75	62	62	65	69	71	71	75	75	75	75	71	65	65	64	67	64	64	64	68	68	68	71	71	71	71	69.5				
	MAX	95	94	94	96	96	96	96	91	94	95	96	96	97	98	98	96	94	88	90	89	93	95	92	96	96	96	96	93	95	92	87	94.5					
	MIN	72	71	73	74	72	74	78	65	59	64	68	68	70	72	73	74	74	73	72	61	63	64	67	69	67	68	67	67	68	74	76	69.6					
	MAX	94	95	94	95	96	96	96	87	89	91	93	94	94	96	99	100	97	89	83	84	87	87	89	92	93	95	94	90	89	93	92	92.4					
	MIN	72	73	73	75	73	74	74	69	70	67	69	70	72	75	78	73	72	72	67	66	67	66	67	70	70	71	69	70	70	72	73	71.1					
	MAX	93	93	92	92	94	93	96	89	89	90	92	94	94	96	96	98	97	87	77	84	86	87	89	91	92	90	93	89	89	90	90	90.9					
	MIN	71	69	70	73	72	72	73	65	62	65	65	67	70	71	73	72	69	69	63	64	64	69	68	67	68	67	67	67	70	70	71	68.5					
	MAX	94	94	93	95	97	96	98	87	90	92	94	95	95	96	98	101	95	92	86	87	88	90	92	92	96	96	94	91	90	92	91	93.1					
	MIN	73	71	74	74	73	72	75	67	63	68	70	72	73	75	74	74	74	74	63	68	68	68	68	68	68	68	68	68	69	70	74	70.1					
	MAX	92	93	93	94	94	94	86	88	91	93	94	95	97	99	99	98	91	84	86	88	89	90	92	96	95	94	91	90	93	92	91	92.3					
	MIN	72	71	75	75	71	74	72	66	63	67	70	69	72	73	76	74	72	68	65	68	68	68	70	70	68	66	66	69	68	69	73	70.3					
02 NORTH CENTRAL BIENVILLE 3 NE CALHOUN EXP STATION HOMER EXP STATION MONROE FAA AP MONROE NLU	MAX	96	98	98	100	101	98	88	89	94	97	97	96	97	99	100	98	90	84	84	89	88	91	91	97	95	92	92	93	95	93	86	93.7					
	MIN	70	72	73	73	71	73	74	67	61	64	68	69	69	71	75	75	74	74	70	67	66	66	73	72	68	69	70	71	72	73	73	70.3					
	MAX	95	95	97	94	97	98	99	89	89	92	94	95	95	98	99	101	99	94	86	86	90	90	92	94	97	95	93	92	93	95	96	94.2					
	MIN	68	69	73	73	72	73	75	70	61	63	67	68	69	71	76	77	74	72	68	67	66	66	72	67	67	71	69	70	71	71	73	70.1					
	MAX	92	92	93	94	95	95	96	96	87	91	92	92	92	94	96	99	94	88	80	85	80	88	91	92	90	93	92	91	87	93	92	91.4					
	MIN	69	70	71	72	71	71	70	65	62	62	68	67	70	75	76	73	70	69	65	65	65	68	71	66	67	66	69	70	69	70	68	71.7					
	MAX	93	96	91	94	93	95	87	88	89	91	90	90	96	96	99	99	94	85	88	88	90	92	94	95	92	91	93	94	94	94	88	91.7					
	MIN	70	73	74	74	75	75	74	69	64	65	64	71	72	76	78	76	74	71	70	68	67	70	71	68	67	71	68	71	71	71	74	71.1					
	MAX	93	96	97	93	96	96	97	88	88	92	92	93	95	96	98	100	99	92	84	85	87	88	91	92	94	94	92	91	92	94	94	92	92.9				
	MIN	67	71	73	71	73	74	70	62	64	65	65	65	70	70	74	75	74	72	68	67	68	67	68	70	68	67	68	70	71	71	74	70.0					
	MAX	96	95	97	96	96	97	97	89	91	92	93	94	95	97	96	102	97	92	85	86	89	90	92	90	92	95	91	93	91	96	92	86	93.6				
	MIN	68	70	72	72	79	72	76	68	59	62	66	67	68	71	73	75	72	73	72	65	64	65	69	70	66	67	70	67	69	71	73	69.4					
03 NORTHEAST BASTROP EPPS 6 WNW LAKE PROVIDENCE SAINT JOSEPH EXP STA TALLULAH WINNSBORO	MAX	96	95	97	98	98	97	97	97	98	99	96	96	96	98	102	101	90	83	87	89	90	91	94	96	95	94	94	92	94	97	97	94.5					
	MIN	69	71	72	74	75	75	70	70	70	65	68	71	71	72	78	80	76	72	71	70	67	67	69	71	70	70	71	71	78	72	74	71.6					
	MAX	94	96	97	95	97	97	99	86	87	90	92	93	95	97	99	100	92	88	85	87	90	90	92	90	92	94	97	95	94	95	94	95	93.6				
	MIN	68	72	73	72	73	75	74	71	64	65	66	69	70	70	76	77	74	74	71	70	66	69	68	71	66	67	71	71	71	74	73	70.7					
	MAX	91	94	93	96	95	96	96	89	89	91	93	93	94	96	97	100	100	90	86	86	86	89	89	92	95	95	95	91	92	93	97	92.9					
	MIN	70	72	73	73	74	75	72	71	65	67	68	72	73	73	74	77	75	75	71	70	69	69	68	71	70	70	73	73	72	71	73	71.6					
	MAX	90	94	96	94	95	94	94	93	88	89	92	93	94	96	97	97	97	94	89	84	86	88	89	90	94	94	93	92	89	91	93	92.2					
	MIN	71	73	74	73	73	75	77	71	64	63	67	72	70	74	77	78	75	73	73	70	69	71	71	71	69	69	70	72	72	73	74	71.7					
	MAX	91	93	95	94	96	95	96	90	89	91	93	95	94	97	97	99	100	94	89	85	87	88	90	92	95	95	95	93	92	92	94	93.1					
	MIN	65	68	69	70	70	73	73	69	60	61	64	67	68	69	72	74	72	72	69	68	65	66	64	66	66	65	67	68	69	68	69	67.9					
	MAX	97	98	100	93	97	96	97	97	94	96	97	98	100	102	105	100	97	91	90	90	90	94	94	94	95	97	96	95	94	97	98	96.4					
	MIN	66	66	67	72	73	73	75	71	60	60	63	64	66	67	75	74	72	70	68	65	65	65	65	65	65	67	66	67	71	74	72	72	68.6				
04 WEST CENTRAL ASHLAND CONVERSE LEESVILLE MANY NATCHITOCHES	MAX	95	95	95	95	97	97	98	91	92	93	96	96	98	98	99	101	98	96	88	88	90	89	92	93	94	95	93	93	91	90	94	92	94.2				
	MIN	69	69	70	71	69	70	75	66	66	58	62	66	69	70	71	71	72	72	68	63	63	68	68	68	67	69	68	68	70	73	68	68.1					
	MAX	95	92	95	94	96	97	98	95	91	94	95	96	96	98	99	100	101	98	95	81	90	91	95	95	96	97	94	93	91	93	92	94.6					
	MIN	71	70	72	72	70	71	74	65	58	60	63	68	70	70	71	72	73	71	61	62	64	68	68	66	66	68	67	68	69	73	68	68.2					
	MAX	96	97	97	96	97	94	96	97	92	95	96	98	96	97	98	98	99	98	93	88	93	95	92	96	96	96	96	90	89	92	94	94.9					
	MIN	73	73	75	73	71	73	74	70	62	65	67	70	71	71	72	74	75	71	73	65	65	67	70	68	67	67	68	69	71	72	77	70.3					
	MAX	96	97	97	96	96	96	98	95	93	94	97	98	98	101	100	100	97	89	91	92	95	95	95	97	96	97	96	93	95	92	95	95.5					
	MIN	71	69	74	71	69	71	73	66	58	60	63	66	68	69	72	75	72	70	67	62	61	62															

DAILY TEMPERATURES (°F)

LOUISIANA
AUGUST 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
05 CENTRAL ALEXANDRIA BELAH FIRE TOWER BOYCE 3 NNW BUNKIE GRAND COTEAU JONESVILLE LOCKS LSU DEAN LEE EXP STN MAMOU 4 S MELVILLE NEW ROADS 5 ESE OLD RIVER LOCK OLLA 3 SSW WOODWORTH 2 SE	MAX	95	95	95	96	95	95	95	92	94	94	89	95	96	99	98	99	97	99	87	92	93	96	94	94	93	94	94	89	88	92	94.2	
	MIN	72	73	73	72	71	72	75	71	62	64	66	70	71	71	71	75	74	72	72	67	67	69	73	69	68	68	69	70	72	72	74	70.5
	MAX	97	100	94	94	97	97	95	94	92	94	95	92	98	95	97	98	98	98	98	88	92	94	93	94	93	92	93	94	88	91	95	94.5
	MIN	70	73	73	74	73	75	76	73	65	69	69	71	73	73	72	76	76	73	73	68	68	69	68	69	68	70	73	74	74	74	70	71.5
	MAX	95	92	94	97	98	96	97	96	94	94	95	95	97	98	101	102	102	100	95	89	92	91	94	97	96	97	97	95	92	92	96	95.7
	MIN	69	73	71	72	71	72	75	70	64	64	67	70	70	72	74	76	73	70	68	67	68	68	67	67	67	69	69	70	72	73	71	70.2
	MAX	96	97	95	96	96	96	96	92	93	95	89	96	97	97	99	99	98	98	98	91	94	91	94	94	94	95	94	90	93	92	90	94.7
	MIN	81	77	78	78	75	77	72	76	69	73	72	72	72	72	72	72	72	72	72	70	68	70	68	74	72	78	73	75	74	75	74	73.5
	MAX	93	96	95	94	95	94	94	96	91	92	96	92	96	97	97	100	99	99	89	89	94	89	94	95	95	95	94	96	90	90	93	94.3
	MIN	70	74	74	74	72	74	76	73	64	67	70	71	74	73	76	77	77	73	73	67	65	65	68	71	69	67	69	70	74	73	74	71.4
06 CENTRAL AMITE BATON ROUGE WSO AP BOGALUSA CLINTON 5 SE COVINGTON 4 NNW FRANKLINTON 3 SW HAMMOND 5 E HAMMOND 3 NW LSU BEN-HUR EXP STN SLIDELL WSO	MAX	95	95	96	93	93	91	92	91	92	90	92	95	96	96	96	98	97	90	91	94	93	94	94	94	93	92	93	94	89	85	90	93.2
	MIN	73	73	71	73	72	73	74	74	67	69	70	72	72	73	75	76	77	75	70	68	69	70	71	65	69	71	73	74	74	73	75	72.0
	MAX	92	95	93	93	94	93	92	89	92	92	92	95	95	95	96	96	97	96	89	88	87	92	92	92	92	93	92	87	85	90	92.2	
	MIN	71	77	73	72	72	74	75	72	65	68	72	72	73	74	75	76	77	74	74	70	68	68	72	72	72	69	70	72	74	74	72	74.1
	MAX	95	96	94	94	95	95	94	93	92	91	90	93	96	95	95	96	96	96	92	90	92	90	92	92	93	93	92	89	88	93	93.2	
	MIN	71	75	74	71	71	73	74	75	66	68	70	72	73	72	75	77	77	74	75	71	67	69	72	71	67	71	73	73	74	73	72	72.1
	MAX	97	96	95	92	95	96	95	91	90	90	91	91	95	94	95	95	96	96	89	87	89	87	91	92	95	94	94	87	90	92	92.9	
	MIN	74	74	72	72	73	73	71	72	65	66	69	70	71	72	73	73	73	70	69	72	70	71	72	70	69	70	66	71	73	73	70.7	
	MAX	93	93	96	94	96	95	90	92	95	95	95	97	98	100	101	102	97	98	87	89	89	91	93	93	95	96	94	91	95	93	94.5	
	MIN	67	70	72	71	71	71	74	70	59	61	65	67	67	70	73	74	72	73	72	65	67	67	68	70	66	67	68	70	70	72	69.0	
MAX	95	97	95	95	95	94	96	93	94	91	97	96	98	100	100	99	99	98	87	92	90	94	90	93	92	93	94	95	90	90	94.3		
MIN	69	72	68	68	72	73	74	71	63	66	68	70	72	72	73	75	76	72	71	67	66	67	69	70	68	69	69	70	71	71	71	70.0	
EAST CENTRAL AMITE BATON ROUGE WSO AP BOGALUSA CLINTON 5 SE COVINGTON 4 NNW FRANKLINTON 3 SW HAMMOND 5 E HAMMOND 3 NW LSU BEN-HUR EXP STN SLIDELL WSO	MAX	96	97	91	95	96	95	96	93	93	92	96	97	98	97	99	98	98	97	91	90	91	90	92	93	94	94	90	91	91	94	94.2	
	MIN	71	72	72	71	73	72	75	74	68	70	71	72	72	72	73	75	74	73	74	69	68	70	71	69	68	68	70	73	72	73	71.5	
	MAX	97	91	91	94	93	92	92	91	88	93	95	94	95	95	95	95	95	92	89	90	88	92	90	93	92	92	88	88	91	94	92.2	
	MIN	70	75	72	72	72	73	75	74	69	71	71	72	73	73	77	79	79	76	76	72	69	70	72	74	70	69	70	74	75	74	75	73.0
	MAX	94	95	94	92	93	93	94	95	90	93	94	95	96	96	95	97	96	97	96	87	88	90	88	90	91	93	93	91	91	88	93	92.8
	MIN	73	73	72	72	72	74	75	74	70	72	73	73	74	75	76	75	73	74	71	70	69	70	72	70	71	69	69	68	73	75	73	72.3
	MAX	96	95	97	92	95	95	94	95	92	91	92	95	95	95	97	97	98	97	92	89	90	92	94	94	94	95	95	93	91	91	93	94.0
	MIN	70	71	70	72	70	69	72	73	65	66	68	71	70	70	73	74	72	74	70	65	69	69	71	68	67	66	71	72	72	72	70.3	
	MAX	94	93	91	92	92	91	94	93	94	92	94	95	94	95	97	98	98	99	100	89	90	89	90	89	91	91	88	88	93	93	92.9	
	MIN	70	71	71	72	71	70	72	72	68	69	71	71	72	73	74	74	74	72	70	69	70	70	70	69	66	69	72	73	74	74	71	71.0
MAX	96	96	90	90	89	92	95	94	96	89	95	96	95	95	95	99	100	100	92	91	92	86	84	89	90	89	87	90	88	92	91	92.4	
MIN	67	68	67	66	68	67	71	69	64	65	69	69	71	70	70	72	72	70	71	67	66	69	68	67	66	65	65	68	71	70	68	68.3	
MAX	96	95	93	91	92	94	94	95	94	94	92	95	92	96	97	96	95	96	100	92	90	91	90	90	90	90	90	87	89	91	92	91	92.9
MIN	74	73	71	71	72	71	72	74	68	70	70	71	72	73	74	74	73	73	70	68	68	68	70	70	69	67	69	71	73	73	74	71.2	
MAX	94	95	93	92	91	95	94	95	95	93	95	97	98	98	96	98	97	97	94	89	90	93	93	93	93	93	92	94	93	92	97	94	93.8
MIN	70	71	71	71	71	70	73	73	68	70	70	71	71	71	73	75	73	73	70	68	67	69	70	70	68	67	69	72	73	73	73	71	71.0
MAX	94	96	88	94	94	93	93	92	91	92	91	93	94	95	94	95	95	95	96	93	90	91	91	94	94	94	94	89	89	88	93	92.9	
MIN	71	74	72	71	72	71	74	67	72	71	71	71	72	72	74	76	75	74	75	71	68	69	70	72	68	67	67	72	73	73	72	71.6	
MAX	97	92	91	92	92	90	93	87	93	92	94	95	94	93	94	95	94	95	94	95	92	90	90	92	91	90	93	92	86	90	86	91	91.9
MIN	71	75	73	72	72	73	75	73	67	72	73	74	75	76	77	77	76	73	72	70	67	67	69	70	68	67	69	70	72	71	75	74	72.8

DAILY TEMPERATURES (°F)

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
AUGUST 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PLAQUEMINES EXP STA	MAX	94	91	91	89	90	90	93	90	93	91	92	91	93	94	95	92	94	97	95	90	89	88	91	89	89	89	87	90	87	88	94	91.2
	MIN	73	74	73	73	72	74	75	76	74	71	72	74	76	75	77	75	76	74	75	72	75	71	72	73	72	72	74	74	73	72	72	73.5
	MAX	96	97	94	92	90	91	94	94	94	93	92	93	93	95	97	96	96	95	97	95	90	90	93	90	88	89	88	90	88	89	92.5	
	MIN	74	74	71	69	75	75	74	72	72	73	73	73	74	74	76	76	75	77	76	72	71	70	72	71	72	71	72	72	73	73	74	73.1
SAINT BERNARD	MAX	94	92	90	91	89	92	95	91	93	91	93	94	94	94	95	95	96	95	94	89	89	88	90	91	90	90	88	87	87	88	94	91.6
	MIN	73	74	74	73	74	72	75	76	74	71	70	72	73	73	74	77	75	73	74	73	72	69	69	73	71	71	72	73	73	72	74	72.9
TH180DAUX	MAX	96	96	93	94	95	91	94	95	94	92	90	93	93	94	97	97	98	95	97	95	91	91	93	92	90	90	89	87	88	86	89	92.7
	MIN	75	77	74	72	75	74	74	73	72	70	72	72	72	74	74	75	77	77	76	73	71	71	70	72	70	71	71	74	75	75	75	73.3
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DAILY SOIL TEMPERATURES

LOUISIANA
AUGUST 1981

STATION		DEPTH	TIME	DAY OF MONTH																															AVERAGE
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALHOUN EXP STATION	IN	4	MAX	-	-	97	92	95	95	96	96	88	91	95	97	96	98	99	100	100	95	89	91	90	89	90	92	93	94	88	90	91	93	96	93.7
		MIN	-	-	84	84	83	85	85	80	77	77	79	81	82	83	85	86	87	84	82	81	81	81	81	81	82	80	80	81	81	81	81	81	81.9
CLINTON 5 SE	IN	4	MAX	99	100	87	82	82	94	93	96	90	92	91	94	93	95	95	98	97	96	97	94	92	93	94	92	92	94	92	91	88	86	86	92.4
		MIN	84	87	82	81	82	82	83	84	79	78	79	80	83	81	82	83	84	85	84	84	82	82	83	82	82	82	81	82	81	80	79	82.0	
CROWLEY EXP STATION	IN	4	MAX	96	97	93	95	97	90	90	98	97	101	100	92	100	101	102	102	105	103	102	98	99	101	101	97	99	100	100	99	88	84	90	97.3
		MIN	79	80	79	80	79	80	80	75	76	79	80	79	81	80	80	82	84	85	82	80	78	78	79	80	79	80	79	81	79	77	78	79.6	
HAMMOND 5 E	IN	4	MAX	98	91	97	93	95	97	100	100	101	102	97	102	102	104	102	101	101	99	104	96	90	93	95	98	95	95	96	91	94	89	94	97.2
		MIN	79	81	79	78	78	78	78	80	81	82	81	81	81	81	83	83	83	82	85	77	76	76	76	79	75	75	77	79	77	77	77	79.2	
HOUMA	IN	4	MAX	85	88	82	81	86	80	87	86	87	90	85	87	91	88	85	87	92	92	94	91	91	87	88	90	85	85	88	85	82	82	83	86.8
		MIN	78	77	77	78	79	77	78	79	77	78	79	80	79	79	79	78	79	81	83	83	83	83	81	81	80	78	77	79	79	78	76	76	79.0
LSU DEAN LEE EXP STA	IN	4	MAX	-	100	100	96	99	100	100	99	98	98	98	94	98	98	101	101	102	100	100	91	94	95	96	97	98	96	98	93	95	94	95	97.7
		MIN	-	86	86	86	86	87	89	90	86	86	86	87	87	89	87	90	91	91	88	86	84	85	85	87	87	86	85	88	89	88	86	87.1	
RED RIV VALLEY EXP STA	IN	4	MAX	93	92	95	97	101	101	101	90	91	90	96	97	97	99	100	102	95	90	86	89	92	93	93	94	98	97	96	89	86	91	89	94.2
		MIN	79	79	78	80	81	82	84	78	75	75	75	75	77	80	81	82	83	82	81	79	79	76	76	77	80	81	80	77	76	76	77	78.8	
ROSEPINE EXP STN	IN	4	MAX	105	106	107	106	101	101	99	104	103	104	102	95	99	104	108	108	107	105	105	94	99	99	99	99	96	97	101	102	95	92	92	101.1
		MIN	82	84	84	85	81	79	79	81	79	79	80	80	79	80	83	84	87	86	84	81	80	80	81	82	77	77	78	79	80	80	81	81.0	
SAINT JOSEPH EXP STA	IN	4	MAX	98	99	100	102	100	100	101	98	98	98	98	98	98	101	101	102	99	98	92	90	94	95	95	96	98	100	100	97	94	95	97	98.0
		MIN	83	85	87	87	87	87	87	84	81	81	84	87	87	89	90	90	87	85	85	84	83	83	83	83	86	86	86	86	86	86	86	85.5	
WINNSBORO	IN	4	MAX	97	96	98	90	97	96	95	96	97	96	94	95	94	96	96	99	92	91	91	90	90	90	92	90	90	93	93	93	95	96	93.9	
		MIN	82	81	82	81	80	82	84	83	82	80	78	80	82	83	85	84	82	82	81	81	80	80	80	79	80	81	81	80	82	81	83	83	81.5

STATION NAME	SOIL TYPE	SOIL COVER	SLOPE	UNITS
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%	F
CLINTON 5 SE	BUFF TERRACE	BARE	0.1% TO S	F
CROWLEY EXP STATION	COASTAL PRATRIE	BARE	0%	F
HAMMOND 5 E	FINE SANDY LOAM	BARE	0%	F
HOUMA	MOON SILT CLAY LOAM	BARE	0%	F
LSU DEAN LEE EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
RED RIVER VALLEY EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
SAINT JOSEPH EXP STA	SHARKEY CLAY	BARE	0%	F
WINNSBORO	BLUFF TERRACE	BARE	0%	F

EVAPORATION AND WIND

LOUISIANA
AUGUST
1981

STATION		DAY OF MONTH																															TOTAL OR AVG	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST 01 RED RIV VALLEY EXP STA	EVAP																																	7.20
	WIND	29.	18.	24.	30.	28.	28.	17.	27.	22.	21.	27.	26.	32.	27.	29.	24.	11.	15.	15.	20.	22.	23.	25.	30.	26.	24.	16.	17.	25.	14.	459		
NORTH CENTRAL 02 CALHOUN EXP STATION	EVAP																																6.828	
	WIND	18.	24.	27.	16.	26.	23.	27.	-	31.	12.	26.	22.	24.	17.	25.	31.	34.	13.	17.	24.	24.	21.	20.	-	22.	22.	13.	15.	19.	22.	23.	369	
NORTHEAST 03 SAINT JOSEPH EXP STA	EVAP																																7.35	
	WIND	31.	34.	28.	24.	25.	14.	36.	23.	26.	19.	28.	12.	37.	26.	27.	28.	16.	18.	22.	20.	21.	22.	22.	21.	12.	27.	21.	21.	29.	21.	24.	647	
EAST CENTRAL 06 LSU BEN-HUR EXP STN	EVAP																																7.07	
	WIND	-	-	-	-	-	-	19.	07.	22.	24.	16.	28.	25.	29.	25.	24.	27.	22.	30.	26.	26.	25.	26.	29.	16.	33.	28.	27.	15.	10.	14.	637	
SOUTHEAST 09 HOUMA	MAX	103	103	103	103	101	101	102	98	100	100	99	104	102	104	102	105	104	103	105	100	95	95	94	102	100	98	100	93	86	96	100.1		
	MIN	77	77	77	77	77	77	81	77	75	76	75	77	77	77	77	81	81	80	80	75	77	75	69	74	73	73	74	77	75	76	76.4		
	EVAP																																-	575
	WIND	-	34.	09.	14.	14.	06.	-	7	21.	11	11	5	11	21.	13	8	7	14	15	3	47	28.	19	36	22	31	41	47	30	23	39	6	

EVAPORATION: IS MEASURED IN INCHES
WIND: IS MEASURED IN MILES
MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

[illegible]

SEE REFERENCE

NOTES FOLLOWING STATION INDEX

17

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SEE REFERENCE

NOTES FOLLOWING

STATION INDEX

STATION

COUNTY

INDEX NO.

LATITUDE

ELEVATION
(IN FEET)

OBSERVATION TIME AND TABLES	LOCAL STD TIME			
	TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)
0000				
0100				
0200				
0300				
0400				
0500				
0600				
0700				
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0900				
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1700				
1800				
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2100				
2200				
2300				

OBSERVER

CRED JONES
MRS JEAN BREHER
LA DEPT OF NATURAL RES
US CORPS OF ENGINEERS
UNIONED GAS PIPE LINE CO
HAROLD L BAQUE
RAUDOLPH MELANCAN JR
US CORPS OF ENGINEERS

LEON SANDERS JR
OOW CHEMICALS USA
CITY-PORT ALLEN SEW PL
LSU RED RIVER EXP
GODCHAUX-HENDERSON
LSU PEACAN EXP STN
US FISH & WILDLIFE

MRS F M OSBORN
LSU WEST LA EXP STN
CITY OF RUSTON
LA TECH UNIV FORESTRY
STATE DIV OF GAS CO
SOUTHERN NATL LEAFIRE D
ST FRANCIS VIMENT STAGE
NEW LA EXP OF NATURAL RES

MEDFORD B BENNETT
NATL WEATHER SERVICE
MRS MARGIE A HAYMON
NOAA-NATL ATWEATHER SERV
MAROLD L M TALL LOCK
LA DEP OF NATL RESOURCES
LA POWER & LIGHT CO

STATE DIV OF FORESTRY
MRS PEARL M MC DONALD
CITY WATER PLANT SERV CO
PEOPLES WATER SERV CO
CITY OF THIBODAUX WTRWS
US CORPS OF ENGINEERS
VIDALIA FIRE DEPT
RALPH E CLARK JR

ESTES B BOZEMAN
LA DEPT OF NATURAL RES
LA DEPT OF NATURAL RES
LANUEL F RODRIGUEZ

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1 309706467	5140138455	0765800345	5595856755	81332554	12588
43644024	441513334	0133002315	444043230	502141235	44320
0102120000	0315130000	4300030110	3313303000	133102130	01500

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JUFLEENZSLCT	HSRGAASJDE	ONCCCN8EESH	DDYMN TOSVIC	EUDCJOMCCCI	NZNPIA
JUFLEJLI	TSERQABSDM	ARZNZZFNSH	AADYR N8VIC	REAJJOLFMCALV	INANPIA
JEJLJLATT	TO8JL OTAM	AERNNIT ENS	AADYR N8VIC	REAJJOLFMCALV	INANPIA
AMEAPLASSS	S88JLMBSSCC	CYLLJ888JTM	CCAVETJNWLJ	MB8JLJYCCAL	FEWRE

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RIES

PALEOVA
GOLINEVA
BRLINSA
AADI RI
ENQUAVE
RONEFE
SPINAE
CONSONS
ANTDAN
VESEPO
MELES
DELGHVIG
VERTURH
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O OOOO000OE P PPPPPRRRER RRRRSSSSSS SSSSSSSSSSS SSTIVVIVM XMMMN
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DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

RESULTANT WIND: The vector sum of wind velocity (direction and speed) divided by the number of observations. In "Supplemental Data" tables, resultant directions are in tens of degrees.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- ++ Highest observed one minute wind speed. The station is not equipped with an instrument to measure fastest mile.
- * Gage not read. The precipitation included in the amount following the asterisks. Time distribution not known.
- // Gage equipped with a windshield.
- Extreme occurred at a station with incomplete data. It may have been exceeded at that station.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading.
- B Adjusted monthly value of evaporation. Total evaporation amount is divided by number of recorded days, multiplied by number of days in the month.
- D Water equivalent of snowfall entirely or partially estimated, using a ratio of 1 inch water to every 10 inches of new snowfall.
- M Missing data. It appears with the average temperature in the "Monthly Summarized Station and Divisional Data" table if less than 10 days data are missing and it appears alone if 10 or more days are missing.
- R Amounts from recording gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Monthly Snowfall and Snow on Ground" table.
- J Observations appear in "Supplemental Data" table.
- MID Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months
- WI Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Late Reports and Corrections will be published annually as a supplemental bulletin.

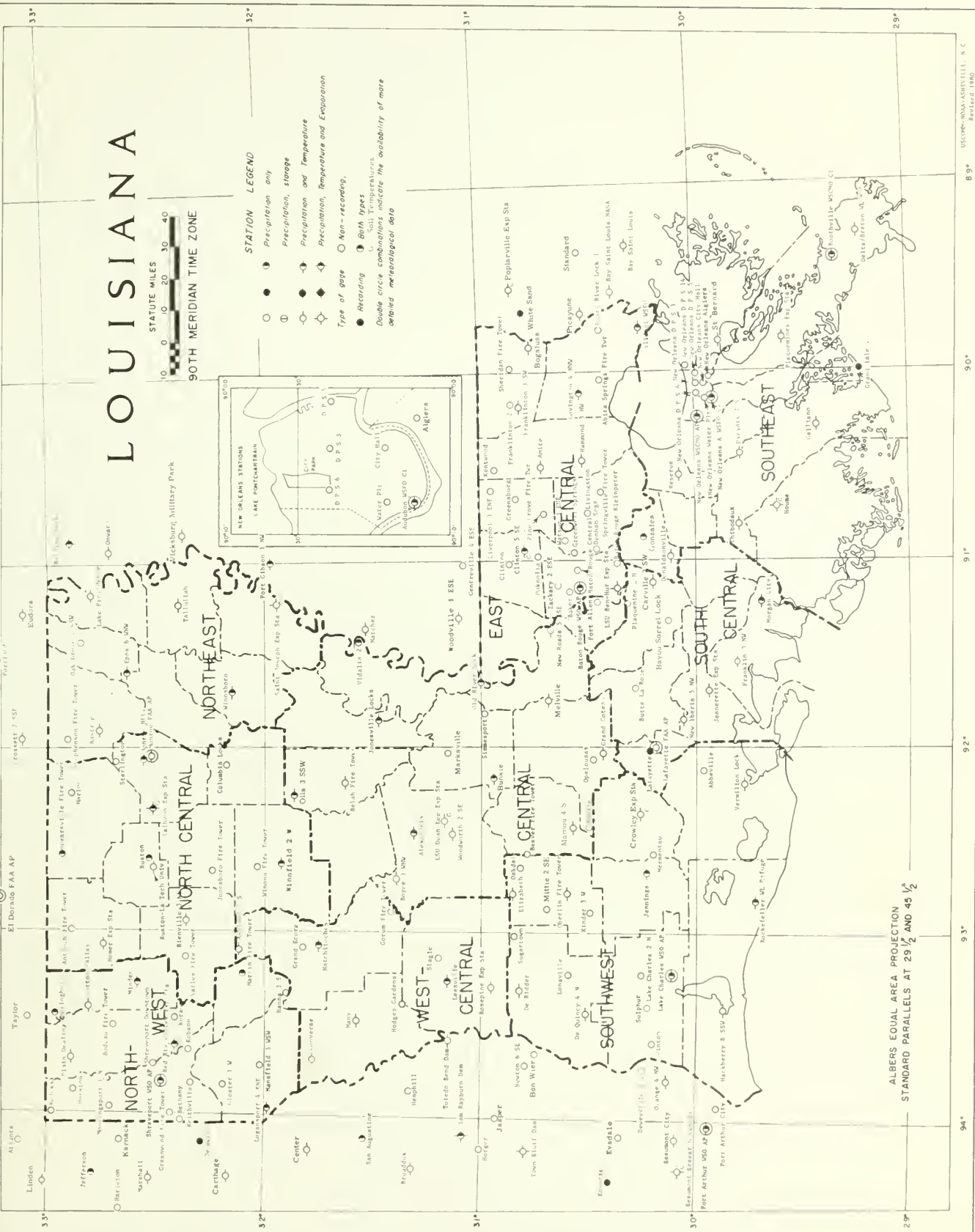
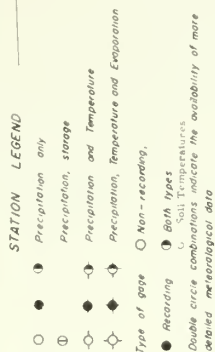
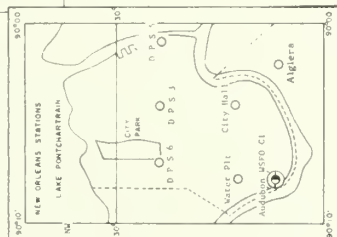
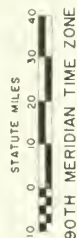
Interpolated values for monthly precipitation totals may be found in the annual issue of this bulletin.

Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

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LOUISIANA



ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^{\circ}$ AND $45\frac{1}{2}^{\circ}$

U. S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
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**THIRD CLASS
BULK RATE**

CLIMATOLOGICAL DATA

LOUISIANA

SEPTEMBER 1981

VOLUME 86 NUMBER 9



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF
THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
AND IS COMPILED FROM INFORMATION RECEIVED AT THE
NATIONAL CLIMATIC CENTER, ASHEVILLE NORTH CAROLINA"
28801

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
SEPTEMBER 1981

HIGHEST TEMPERATURE:
LOWEST TEMPERATURE:
GREATEST TOTAL PRECIPITATION:
LEAST TOTAL PRECIPITATION:
GREATEST 1 DAY PRECIPITATION:

8 STATIONS
MANY GROVE FIRE TOWER
HOUSTON
GREENWOOD FIRE TOWER

96
38
7.93
7.45
6.04
DATE 30+
DATE 19
DATE 01

SUPPLEMENTAL DATA

STATION	WIND DATA (SPEED IN MPH)						RELATIVE HUMIDITY AVERAGE (%)				NUMBER OF DAYS WITH PRECIPITATION (INCHES)						PERCENTAGE OF POSSIBLE SUNSHINE	AVERAGE SKY COVER (TENTHS)	SUNRISE-SUNSET	
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE SPEED	FASTEST MILE			TIME ZONE CENTRAL				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	OVER 1.99				TOTAL
				SPEED	DIRECTION	DATE														
BATON ROUGE WSO AP	5	1.7	5.5	23++	26	14+	95	98	58	67	3	0	2	1	2	0	0	8	9	3.7
LAKE CHARLES WSO AP	9	2.3	5.0	17++	14	21+	91	92	58	69	2	1	3	0	1	2	0	0	7	3.9
NEW ORLEANS WSO AP	13	2.4	5.7	25++	21	14	88	91	60	69	1	1	0	2	0	1	0	0	7	3.9
SHREVEPORT WSO AP		0.3	5.7	18++	35	16	89	95	60	61	0	1	0	1	0	0	1	3	2	3.2

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
SEPTEMBER 1981

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)									
	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE
											90 OR ABOVE	32 OR BELOW	32 OR BELOW							
01 NORTHWEST COTTON VALLEY LOGANSPORT 4 ENE MINDEN PLAIN DEALING RED RIV VALLEY EXP STN SHREVEPORT WSO AP DIVISION	86.0	59.7	72.9	72.9	-	9430	4120+	4120+	20	26510	0	0	0	94	-	.40	4	.94	0	
	87.9	61.4	74.7	74.7	-	9429	4019	4019	14	31017	0	0	0	2.94	.70	1.43	1	4.22	0	
	86.0	59.3	73.7	73.7	-	9230+	4420+	4420+	16	28219	0	0	0	4.24	1.03	1.98	4	4.22	0	
	86.4	59.3	73.7	73.7	-	9324	4120+	4120+	18	26510	0	0	0	2.90	2.47	1.46	1	6.00	0	
	86.6	60.3	73.5	73.5	-	9330	4320+	4320+	14	27310	0	0	0	2.38		1.70	1	4.00	1	
	85.6	62.1	73.9	73.9	-	9230	4319	4319	8	28418	0	0	0	3.32	.25	2.67	1	2.2	2	
		73.6		73.6	-	2.5								2.45	-					
02 NORTH CENTRAL BIENVILLE 3 NE CALHOUN EXP STATION HOMER EXP STATION MONROE FAA AP MONROE NLU RUSTON-LA TECH UNIV WINNFIELD 2 W DIVISION	87.0	62.0	74.5	74.5	-	9630+	4219	4219	13	30413	0	0	0	4.76	.89	3.70	3	3.22	0	
	86.9	60.4	73.7	73.7	-	9414	4219	4219	16	28313	0	0	0	2.23		.93	4	4.22	1	
	86.2	59.7	73.0	73.0	-	9314	4421+	4421+	22	26710	0	0	0	2.54		1.01	15	2.22	2	
	89.7	64.9	77.3	77.3	1.4	9630+	4819	4819	0	7519	0	0	0	1.39	1.42	.63	3	5.3	1	
	86.5	60.8	73.7	73.7	-	9514	4319	4319	15	28313	0	0	0	1.67		.63	4	5.3	1	
	86.9	60.9	73.9	73.9	-	9430	4219	4219	15	29112	0	0	0	1.88	1.82	.94	4	4.2	0	
	88.5	59.7	74.1	74.1	-	9513+	3919	3919	15	29318	0	0	0	1.98	3.01	.42	15	4.2	0	
			74.3	74.3	-	1.6								2.21	1.31					
03 NORTHEAST BASTROP EPPS 6 WNW LAKE PROVIDENCE SAINT JOSEPH EXP STN TALLULAH WINNSBORO DIVISION	89.2	63.4	76.3	76.3	-	9613	4719+	4719+	8	36019	0	0	0	1.81	1.15	.90	14	3.22	0	
	88.2	61.6	74.9	74.9	-	9614	4219	4219	14	31516	0	0	0	1.40		.61	1	4.22	1	
	86.7	63.2	75.0	75.0	-	9428	4719	4719	10	31516	0	0	0	1.98	1.11	1.01	14	4.22	1	
	86.0	61.5	73.8	73.8	-	9314	4420	4420	16	28510	0	0	0	2.79	2.18	.67	3	5.4	1	
	86.7	59.5	73.1	73.1	-	9514	4218	4218	17	26611	0	0	0	4.73	2.17	1.64	3	5.4	1	
	89.2	60.1	74.7	74.7	-	9629+	4119	4119	14	31217	0	0	0	1.86	1.11	.76	1	4.2	0	
			74.6	74.6	-	1.7								2.43	.45					
04 WEST CENTRAL ASHLAND CONVERSE LEESVILLE MANY NATCHITOCHES ROSEPINE EXP STATION DIVISION	85.4	59.2	72.3	72.3	-	9230+	3919	3919	17	24411	0	0	0	2.36		.89	2	4.2	0	
	85.2	59.1	72.7	72.7	-	9430	4119	4119	19	25713	0	0	0	2.55		.80	3	4.2	0	
	89.3	61.5	75.4	75.4	-	9513	4319	4319	9	33918	0	0	0	2.36	1.24	1.39	15	4.2	1	
	88.1	58.6	73.4	73.4	-	9430	3819	3819	16	27616	0	0	0	2.06		.69	1	5.2	1	
	87.8	63.1	75.5	75.5	-	9514	4119	4119	10	33316	0	0	0	1.58	2.38	.75	4	5.1	0	
	88.3	62.0	75.2	75.2	-	9513	4420+	4420+	10	32614	0	0	0	3.60		1.46	15	4.3	2	
			74.1	74.1	-	2.5								2.44	1.30					
05 CENTRAL ALEXANDRIA BELAH FIRE TOWER BOYCE 3 WNW BUNKIE GRAND COTEAU JONESVILLE LOCKS LSU DEAN LEE EXP STN MAMOU 4 S MELVILLE NEW ROADS 5 ESE OLD RIVER LOCK OLLA 3 SSW WOODWORTH 2 SE DIVISION	88.5	63.8	76.2	76.2	-	9430	4519	4519	7	35016	0	0	0	1.64		.68	15	3.2	0	
	88.5	63.4	76.0	76.0	-	9530+	4519	4519	10	34515	0	0	0	1.97		.52	15	3.2	0	
	87.6	64.1	75.9	75.9	-	9513	5019	5019	4	34113	0	0	0	1.72		1.00	3	3.2	1	
	88.4	62.8	75.6	75.6	-	9613	4419	4419	10	33714	0	0	0	3.53	.48	1.70	2	4.3	1	
	89.2	64.8	77.0	77.0	-	9512+	4719	4719	4	36619	0	0	0	1.21	3.18	.51	14	4.3	1	
	87.3	63.5	75.4	75.4	-	9314	4820+	4820+	7	32612	0	0	0	3.64		1.51	16	5.2	1	
	87.6	62.2	74.9	74.9	-	9330+	4419	4419	12	31514	0	0	0	3.64		.62	4	5.2	1	
	89.8	67.0	78.5	78.5	-	9628	5019	5019	1	41320	0	0	0	3.80		.92	15	5.2	1	
	86.6	64.8	75.4	75.4	-	9130+	4619	4619	6	32619	0	0	0	3.80	.05	.92	15	5.2	1	
	87.1	64.1	75.6	75.6	-	9414	4920	4920	5	34011	0	0	0	4.21		2.25	16	5.2	2	
06 DIVISION	87.1	64.1	75.6	75.6	-	9313	4722	4722	10	33411	0	0	0	4.66		2.42	16	5.2	2	
	88.1	59.6	73.9	73.9	-	9529	4019	4019	18	29114	0	0	0	1.43		.55	3	4.4	1	
	88.4	61.6	75.0	75.0	-	9428+	4319	4319	13	32114	0	0	0	1.03	2.74	.55	3	4.4	1	
			75.8	75.8	-	1.2								2.52	1.44					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
SEPTEMBER 1981

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)											
	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	NO. OF DAYS		
											90 OR ABOVE	32 OR BELOW	0 OR BELOW							.10 OR MORE	.50 OR MORE	1.00 OR MORE
06 EAST CENTRAL	88.7	76.4	63.4	76.1	-1.1	95	4719	1	3421	16	0	0	3.59		1.40	4	0		7	2	2	
	87.2	76.3	65.4	76.3	-1.2	92.8+	4919	4	3501	12	0	0	3.95	1.16	1.38	4	0		7	2	2	
	87.7	75.1	63.5	75.1	-2.4	93.0+	4720+	8	3221	12	0	0	3.09	1.73	1.11	4	0		7	2	2	
	87.2	75.2	63.2	75.2	-1.0	94.1	4720+	9	3221	15	0	0	3.57	3.56	1.52	6	0		7	2	2	
	88.0	75.3	62.5	75.3	-1.9	93.29+	4420	9	3221	13	0	0	2.38	3.40	1.95	3	0		7	2	2	
	85.8	72.8	59.7	72.8		94.4	4519	17	255	7	0	0	1.82		.75	5	0		5	1	0	
	87.3	72.7	61.9	72.7	-2.5	92.8+	4520+	11	310	14	0	0	2.03	1.40	1.96	5	0		5	1	0	
	87.3	75.0	62.7	75.0		92.30+	4620+	2	316	15	0	0	4.06		1.10	4	0		5	1	0	
	88.5	76.9	63.2	76.9		94.13	4719	3	334	17	0	0	3.42		1.10	4	0		5	1	0	
	88.6	75.1	65.1	75.3	-1.8	93.30+	4919	3	365	16	0	0	2.90	1.63	.89	5	0		5	1	0	
		75.3		75.3									3.08			5	0		5	1	0	
07 SOUTHWEST	88.6	76.9	65.2	76.9	-1.7	92.9	4719	6	3701	16	0	0	1.72	2.74	1.59	5	0		4	3	2	
	87.9	74.1	60.2	74.1		93.29	4321	14	291	13	0	0	3.95		1.59	5	0		4	3	2	
	87.7	74.8	61.9	74.8		94.13	4420+	11	313	13	0	0	3.37	1.89	2.83	5	0		4	3	2	
	88.6	75.6	62.6	75.6	-1.7	94.13	4521+	11	335	8	0	0	5.30	1.53	3.05	2	0		4	3	2	
	86.1	77.3	68.5	77.3	-1.9	92.14	5319	2	378	6	0	0	5.28		3.56	2	0		4	3	2	
	88.6	77.1	65.6	77.1	-1.4	96.14	4719	3	374	7	0	0	3.75	1.10	2.91	5	0		4	3	2	
	87.0	76.5	66.0	76.5	-1.9	92.28	4919	2	356	8	0	0	3.56	1.57	1.92	2	0		4	3	2	
	88.0	75.5	62.9	75.5		94.13	4519	3	328	13	0	0	2.46		1.60	4	0		4	3	2	
	88.0	78.2	68.4	78.2		93.9+	5220+	2	406	14	0	0	5.72		1.19	5	0		4	3	2	
	86.8	76.2	65.6	76.2		92.9+	5019	3	348	8	0	0	5.72		1.65	6	0		4	3	2	
		76.2		76.2	-1.7								3.58	1.23		6	0		4	3	2	
08 SOUTH CENTRAL	87.9	76.9	65.9	76.9	-1.1	94.12	5417	0	362	13	0	0	4.05	1.20	1.35	15+	0		5	3	2	
	87.9	77.5	67.1	77.5	-.8	92.30+	4919	0	382	15	0	0	3.04	3.24	1.86	15	0		5	3	2	
	86.8	75.9	65.0	75.9	-1.2	93.9	4920+	5	338	8	0	0	4.77	3.40	1.34	13	0		5	3	2	
	86.9	76.5	66.1	76.5	-1.2	94.12	4819	5	397	14	0	0	2.16	3.90	1.31	15	0		5	3	2	
	87.6	78.0	68.4	78.0	-1.1	92.13+	5620	0	357	9	0	0	2.16	4.87	.62	16	0		5	3	2	
	87.4	76.7	65.9	76.7		93.14+	5321	1	357	13	0	0	4.19		2.02	15	0		5	3	2	
		76.9		76.9	-1.2								3.16	2.53			0		5	3	2	
09 SOUTHEAST	85.5	72.4	60.5	72.4		90.14+	5220	1	420	4	0	0	1.39		3.81	4	0		4	1	0	
	86.5	72.5	67.5	72.5	-1.5	92.14+	5318	0	421	4	0	0	3.39		1.94	6	0		4	1	0	
	86.5	77.2	67.5	77.2		92.14+	5318	0	421	4	0	0	3.39		1.56	13	0		4	1	0	
	87.5	78.9	69.5	78.9	-.8	92.7+	5819	0	424	13	0	0	4.20	2.45	2.35	13	0		4	1	0	
	87.5	77.5	67.4	77.5		93.13+	5319	0	382	10	0	0	5.21		3.91	13	0		4	1	0	
	87.3	77.0	66.7	77.0		93.1	5220+	1	367	11	0	0	6.91		4.36	15	0		4	1	0	
	87.8	79.9	68.0	79.9	-.3	93.13	5220	0	396	12	0	0	4.78	.80	1.92	3	0		4	1	0	
	88.8	70.9	65.6	70.9	-.8	95.3	5220	0	453	16	0	0	3.47	2.90	2.02	12	0		4	1	0	
	87.0	76.8	65.9	76.8		94.8	4920	1	359	10	0	0	5.02	1.79	2.71	13	0		4	1	0	
	87.3	77.4	67.5	77.4		94.3	5020	1	382	10	0	0	5.27		2.43	14	0		4	1	0	
	88.0	77.0	66.0	77.0	-1.3	93.7+	5021	0	366	16	0	0	1.74	4.28	1.53	3	0		4	1	0	
	88.0	77.1	66.2	77.1	-1.2	95.3	5020	2	371	14	0	0	2.60	5.03	1.60	4	0		4	1	0	
87.8	76.9	66.0	76.9		93.13+	5219	2	367	14	0	0	3.92	3.08	1.95	13	0		4	1	0		
	77.8		77.8	-1.1																		

DAILY PRECIPITATION (INCHES)

LOUISIANA
SEPTEMBER 1981

DAY OF MONTH

TOTAL

STATION

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
01															
NORTHWEST															
BETHANY FIRE TOWER	6.81	4.65	2.38	1.06				.35						.06	
BODCAU VALLEY	1.10	.27	.20	.40										.01	T
CLOTION VALLEY	1.67	.85	.22	.59											
GREENWOOD FIRE TOWER	3.02	.96	.22	.77											T
HANNA	3.05	T	T	.10				.45						T	.30
HOUSTON	3.07	.20	.86	.16				.16						.29	
KEITHVILLE	4.58	2.90	.04	.14				.13						.03	
KORANSPORT 4 ENE	2.94	2.09	1.05	.98				.30							
LOGANSFIELD 3 WSW	4.05	1.33	.28	.63											
MANSFIELD FIRE TOWER	3.24	.38	.25	.21											
MARTIN	2.90	.33	.16	.72											
MOORINGSPOIT 1 N	2.38	.31	.16	.19											
PLAIN DEALING EXP STN	2.30	.58	.05	.19											
RED RIV VALLEY	3.60	.93	.63	.07											
RODESSA	4.54	.04	.05	.17											.19
RODESSA	3.32	.67	.07	.19											.02
SHREVEPORT DOWNTOWN	4.44	.11	.07	.19											1.36
SHREVEPORT WSO AP	3.32	.11	.07	.19											
SPRINGHILL	2.27	.54	.07	.19											
02															
NORTH CENTRAL															
ANTIOCH FIRE TOWER	1.75	.57	1.05	.93				.21							.13
BIENVILLE 3 STATION	4.76	.85	3.70	.11				.20							.46
CALHOUN EXPOCKS	2.23	.01	.08	.93											.07
COLUMBIA LOCKS	2.77	.55	.42	.11											1.01
HOMER EXP STATION	3.56	.11	1.48	.69				.15							1.19
JONESBORO FIRE TOWER	2.29	.58	1.14	.69											3.30
MARION	4.27	.40	.57	.63				T						.27	.33
MONROE FAA AP	1.67	.44	.63	.80											
MONROE NLU	1.50	.17	.10	.94											
RUSTON - LA TECH UNIV	1.88	.10	.18	.80				.16							
SAILERSVILLE FIRE TOWER	6.95	.66	5.60	.94				.07							1.10
SPEARLINGTON FIRE TOWER	2.60	.05	.68	.68				.07							1.13
STERLINGTON	3.47	.50	T	.09				.05							.42
WINNFIELD 2 W	3.98	.15	.05	.18											.12
WINONA FIRE TOWER	1.82	.50	.06	.18										.07	
03															
NORTHEAST															
BASTROP	1.81	.07	.40	.60				.09						.90	.35
BEPPS 6 WNW DENCE	1.40	.61	.05	.60				.02						.02	.06
LAKE GROVE 2 WSW	1.98	.37	.04	.10										.01	.36
SAINT JOSEPH EXP STN	1.06	.17	.37	.50										.39	.60
STEVENSON FIRE TOWER	2.50	.04	.67	.56				.68						.42	.36
TALLULAH	4.73	.88	1.64	.56				.01						.03	.02
WINNERSBORO	1.86	.76	T	.12				.03						.02	.72
04															
WEST CENTRAL															
ASHLANDE	2.36	.24	.41	.73				T	.15					.45	.07
CONVERSE	4.49	.80	.50	.13				T	.07					.06	.10
GORUM FIRE TOWER	4.49	2.00	1.50	.15											T
GRAND ECORE	4.76	.17	.19	.13											2.75
HODGES GARDENS	4.40	.20	.42	.33				.17							1.39
LEESVILLE	2.36	.38	.15	.14				.07							1.51
MAITICHES	3.08	.19	.15	.75				T	.13						1.10
NATCHITOCHES EXP STATION	1.58	.21	.04	.55				.04							1.46
ROSEPIE	3.60	.14	.42	.64					.17						.60
SLAGLE	1.95	.12	.22	.17											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
SEPTEMBER 1981

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
01 NORTHWEST BETHANY FIRE TOWER BOCCAUX VALLEY COTTON VALLEY GLOSTER 1 W GREENWOOD FIRE TOWER HANNA 3 S HOUSTON KEITHVILLE KORAN LOGANSPO 4 ENE MANSFIELD 3 WSW MARTIN FIRE TOWER MINDEN MOORINGSPO 1 N PLAIN DEALING RED RIV VALLEY EXP STN ROBSONA RODESSA SHREVEPORT DOWNTOWN SHREVEPORT WSO AP SPRINGHILL	.18 T T .01 .40 1.17 .05	T											T T	T		
02 NORTH CENTRAL ANTIOCH FIRE TOWER BIENVILLE 3 NE STATION CALHOUN EXP STATION COLUMBIA LOCKS HOMER EXP STATION JONESBORO FIRE TOWER MARION MONROE FAA AP MONROE NLU RUSTON RUSTON-LA TECH UNIV SAILES FIRE TOWER SPEARSVILLE FIRE TOWER STERLINGTON WINNFIELD 2 W WINNONA FIRE TOWER	.33 .90 .19 T .07													T		
03 NORTHEAST BASTROP BAPPS 6 WNW LAKE PROVIDENCE OAK GROVE 2 WSW SAINT JOSEPH EXP STN STEVENSON FIRE TOWER TALLULAH WINNSBORO	.14 .59 .11 .69															
04 WEST CENTRAL ASHLAND CONVERSE GORUM FIRE TOWER GRAND ECORE HODGES GARDENS LEESVILLE MAY MATCHITCHES ROSEPINE EXP STATION SLAGLE	T .21 .13 T .02	.01													.02	.16 .14

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
SEPTEMBER 1981

[illegible]

DAILY PRECIPITATION (CONT)

LOUISIANA
SEPTEMBER 1981

DAY OF MONTH																
STATION	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
05																
CENTRAL																
ALEXANDRIA TOWER	.09															
BEAVER FIRE TOWER	.25															
BOYCE 3 WNW	.20															
BUNKIE																
EUNICE																
GRAND COTEAU LOCKS	1.51															
LSU DEAN LEE EXP STN	.16															
MARKSVILLE	.05															
MELVILLE	.22															
NEW RIVER 5 ESE	.42															
OLD RIVER LOCK	.11															
OLLA 3 SSW	.53															
OPELOUSAS	.51															
PORT ALLEN	.68															
SIMMESPORT	.11															
SIDALIA 2																
WOODWORTH 2 SE																
06																
EAST CENTRAL																
CLINTON 5 SE	.35															
AMITA	.60															
BAKER	.21															
BATON ROUGE CENTRAL	.47															
WSO AP	.15															
BATON ROUGE WOODLAWN	1.80															
BOGALUSA	1.52															
CLINTON 5 SE																
CLINTON 4 NNW	.29															
COVINGTON SPRINGS	.70															
DENHAM 2																
FRANKLINTON 3 SW																
GREENSBURG SPRINGS	3.17															
GREENBELLE	.31															
HAMMOND 5 NW	.05															
HAMMOND 3	.05															
KENTWOOD 3 ENE	1.78															
LIVINGSTON	1.29															
LSU BEN-HUR EXP STN	1.17															
OAKNOLIA	1.50															
PEARL RIVER LOCK 1	1.26															
PINE GROVE FIRE TOWER	.20															
SAINT FRANCISVILLE	1.08															
SHERIDAN FIRE TOWER	.98															
SLIDELL WFO	.47															
SPRINGVILLE FIRE TOWER	.29															
MATSON 3 ENE	.79															
WACHARY 2 ESE																
07																
SOUTHWEST																
ABBEVILLE EXP STATION	.01															
CELE GUINCY 4 N																
DE RIDDER																
ELIZABETH 8 SSW	.11															
HACKBERG	.04															
JENNINGS 3																
KINDER																
LAKE CHARLES 2 N AP																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
SEPTEMBER 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX_g

DAILY PRECIPITATION (CONT)

LOUISIANA
SEPTEMBER 1981

STATION	DAY OF MONTH											
	16	17	18	19	20	21	22	23	24	25	26	27
LONGVILLE												
LERMENTAU SE	.10											
MITTIE												
OAKDALE FIRE TOWER	.38											
ROCKEFELLER WL REFUGE												
SUGARTOWN												
SULPHUR												
VERMILION LOCK	1.65	T										
VINTON												
SOUTH CENTRAL LOCK												
BAYOU SORRELL	.60											
BUTTE LA ROSE	.48											
CARVILLE 2 SW	.62											
FRANKLIN 3 NW												
JAFANETTE EXP STN	1.18											
LA FAYETTE FAA AP	T											
MORGAN CITY	.62											
NEW IBERIA 5 NW	1.00											
PLAQUEMINE 2 N	1.61											
SOUTHEAST												
BOOTHVILLE WSCMO CI	.02	T										
DELTA-BRETON WL REF	.03											
DONALDSONVILLE	.44											
GALLIANO	.43											
GONZALES	.06											
HOUMA	T											
LOUISIANA NATURE CTR												
NEW ORLEANS WSCMO AP												
NEW O ADBON WSFO CI												
NEW ORLEANS ALGERS												
NEW ORLEANS DPLS 14	.04											
NEW ORLEANS WATER PLT	.04											
NEW ORLEANS CITY HALL												
NEW ORLEANS D P S 3	.01											
NEW ORLEANS D P S 6												
NEW ORLEANS D P S 7	.10											
PARADISE	.42											
PLAQUEMINE EXP STN												
RESERVE												
SAINT BERNARD												
THIBODAUX												

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
SEPTEMBER
1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
01 NORTHWEST COTTON VALLEY	MAX	90	77	85	81	89	88	87	90	82	82	84	88	90	92	86	88	83	73	72	78	80	86	90	93	90	89	89	92	92	94	94	86.0
	MIN	72	71	71	70	68	63	62	62	56	53	53	56	60	67	71	66	53	46	41	41	45	52	57	60	61	61	64	64	63	63	63	59.7
	MAX	90	89	81	91	92	91	92	91	85	87	89	90	93	90	85	84	82	75	77	81	86	90	92	91	91	90	91	93	94	93	93	87.9
	MIN	72	67	71	67	63	64	62	70	57	54	55	62	67	71	69	64	53	42	40	45	53	57	58	69	61	69	64	62	65	62	62	61.4
	MIN	73	70	72	70	70	64	65	65	66	58	55	56	58	64	70	71	68	55	47	44	44	48	53	58	61	60	62	62	66	64	65	65
PLAIN DEALING	MAX	89	77	85	82	89	89	88	90	84	85	86	88	90	92	85	89	84	74	75	78	81	86	89	93	90	90	91	92	90	92	92	86.4
	MIN	71	71	71	69	68	62	62	63	56	54	54	55	60	67	68	65	52	46	41	41	46	51	56	61	60	61	61	62	62	63	63	59.3
	MAX	87	77	88	80	89	88	88	91	84	85	84	88	90	92	88	83	85	77	75	78	80	86	88	91	91	91	91	91	91	93	93	86.6
	MIN	71	67	67	68	68	64	64	64	61	56	56	58	63	68	70	65	51	45	43	43	49	56	58	59	61	61	62	62	64	65	65	60.3
	MAX	76	85	80	89	88	87	90	81	83	83	88	89	91	86	86	83	74	73	77	81	88	88	90	89	89	90	90	90	91	91	92	92
MIN	68	67	69	65	70	64	63	65	60	55	56	62	68	70	69	64	57	50	43	48	53	53	60	68	63	69	63	69	63	65	66	65	62.1
02 NORTH CENTRAL BIENVILLE 3 NE	MAX	82	92	78	89	86	87	91	81	84	86	90	92	94	88	87	82	73	71	77	80	86	92	93	93	93	92	92	85	96	96	96	87.0
	MIN	71	70	70	69	70	63	63	65	59	54	56	63	70	71	71	65	54	48	42	45	51	56	59	67	60	66	65	65	67	64	64	62.0
	MAX	90	87	91	81	89	87	88	91	81	84	85	89	91	94	87	87	82	74	73	76	81	86	90	92	90	92	91	93	92	93	93	86.9
	MIN	71	71	72	69	67	63	62	63	57	52	54	55	67	73	70	66	56	45	42	45	49	54	59	61	57	59	64	66	60	62	62	60.4
	MAX	90	80	88	89	87	87	86	91	82	88	89	89	90	93	88	87	82	73	72	72	80	86	89	91	88	90	90	91	90	92	92	92
MIN	70	70	70	69	67	60	60	61	50	54	54	58	61	67	67	65	51	46	44	44	44	55	58	62	60	66	65	65	62	65	65	59.7	
MONROE FAA AP	MAX	85	90	80	91	90	91	96	82	86	89	93	95	96	98	92	89	82	79	81	85	91	95	93	92	92	91	92	95	94	96	96	89.7
	MIN	73	72	72	70	70	71	70	71	60	57	58	67	75	64	77	73	60	53	48	51	56	64	63	63	59	65	66	70	66	64	64	64.9
	MAX	88	87	91	78	88	85	87	90	80	82	86	90	91	95	87	86	82	74	72	75	81	85	90	92	90	93	93	92	93	93	93	86.5
	MIN	72	72	72	68	65	63	62	67	56	53	54	59	72	73	71	62	56	47	43	47	51	52	63	59	57	63	63	65	59	60	60	60.8
	MAX	86	82	91	80	89	88	88	92	83	84	85	89	90	93	89	88	84	74	75	77	81	85	91	92	91	92	91	92	92	91	94	94
MIN	72	69	69	68	67	63	63	63	58	55	56	61	69	71	69	66	53	45	42	45	50	55	60	62	58	59	61	66	65	62	62	62	60.9
WINNFIELD 2 W	MAX	87	91	82	91	91	91	93	85	85	87	92	95	95	91	89	84	77	74	78	82	87	90	93	93	91	91	92	92	93	94	94	88.5
	MIN	72	70	71	69	66	60	60	66	54	50	51	64	70	72	69	65	55	43	39	41	47	54	57	62	57	62	63	61	61	60	60	59.7
	MAX	91	90	90	88	90	92	91	86	86	92	94	96	96	91	84	83	83	74	77	82	91	93	92	94	94	92	92	94	94	95	95	89.2
	MIN	71	72	70	64	63	63	63	70	57	55	65	73	71	70	60	56	47	47	47	57	64	62	60	67	68	69	62	66	62	66	66	63.4
	MAX	90	90	91	80	88	87	88	90	81	83	88	92	93	96	95	88	83	75	73	77	87	89	92	93	92	93	91	93	93	94	94	88.2
MIN	71	72	73	68	63	63	62	68	55	52	56	65	72	70	70	66	56	47	42	47	54	59	60	61	57	62	67	67	63	63	63	61.6	
LAKE PROVIDENCE	MAX	88	88	90	83	89	88	89	92	83	84	87	89	93	91	87	85	82	75	73	75	81	84	89	90	88	92	90	94	91	91	91	86.7
	MIN	70	72	72	70	64	66	65	69	59	58	59	66	72	69	71	66	56	48	47	50	55	60	65	61	59	65	67	70	62	62	62	63.2
	MAX	89	91	87	82	85	88	88	91	81	83	86	91	93	95	88	83	79	75	72	74	78	83	88	90	90	89	88	91	91	92	92	86.0
	MIN	74	69	72	70	70	63	63	67	58	53	55	59	67	72	71	66	60	48	44	44	52	55	61	60	59	65	54	65	67	61	61	61.5
	MAX	88	89	83	83	89	90	89	91	80	83	86	90	93	96	90	86	81	76	73	75	80	85	88	92	89	91	92	91	92	92	92	86.7
MIN	66	69	67	66	65	63	68	62	54	51	54	56	65	68	66	63	54	42	45	45	51	56	61	59	56	60	64	65	62	62	62	59.5	
WINNSBORO	MAX	89	89	92	83	92	90	92	96	82	89	90	94	95	96	85	87	85	80	77	78	80	86	91	96	94	91	91	96	96	95	95	89.2
	MIN	74	73	73	67	65	63	63	66	57	52	53	55	71	69	72	61	57	45	41	42	48	51	57	60	58	59	64	64	62	62	62	60.1
	MAX	88	80	91	78	87	82	83	90	81	82	84	89	91	92	83	87	81	74	72	78	80	88	88	90	90	92	90	90	90	92	92	85.4
	MIN	72	68	67	66	65	60	62	64	55	52	52	56	65	69	70	65	54	48	39	43	49	53	57	57	60	63	62	60	63	61	61	59.2
	MAX	80	82	90	86	90	90	89	91	82	84	85	89	91	91	81	86	82	75	74	77	80	85	88	91	91	90	90	90	90	92	94	94
MIN	71	68	70	67	67	63	62	63	58	54	55	59	65	61	68	64	53	43	41	42	47	52	56	58	60	60	62	61	63	61	61	59.1	
LEESVILLE	MAX	88	90	89	90	91	93	92	94	88	88	90	90	95	94	84	83	88	80	77	80	84	88	90	92	93	92	92	92	93	94	94	89.3
	MIN	76	72	70	68	69	63	63	65	60	54	56	61	69	73	71	66	57	47	43	44	52	55	58	61	61	63	63	61	63	61	61	61.5
	MAX	86	87	93	89	91	91	92	93	83	85	88																					

DAILY TEMPERATURES (°F)

LOUISIANA
SEPTEMBER 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
05	ROSEPINE EXP STATION	MAX 88	89	88	92	91	91	91	93	89	86	88	87	95	94	86	88	88	78	75	78	82	85	88	90	92	92	91	91	92	92	88.3	
		MIN 75	72	70	67	70	64	64	66	62	57	58	64	68	71	69	67	59	49	44	44	51	57	59	62	61	63	63	59	65	60	62.0	
	CENTRAL																																
	ALEXANDRIA	MAX 88	87	88	87	90	93	92	92	91	87	89	92	93	93	86	87	86	79	75	77	82	86	90	92	92	90	91	92	93	94	88.5	
		MIN 75	75	72	71	70	64	66	67	62	60	58	61	72	74	71	67	57	50	45	48	55	58	61	63	64	66	66	64	66	65	63.8	
	BELAH FIRE TOWER	MAX 90	89	84	84	89	90	90	93	87	85	88	93	93	95	87	88	82	78	75	78	84	88	90	94	94	92	93	93	95	95	88.5	
		MIN 76	74	73	68	69	65	65	67	58	58	58	68	73	71	71	67	58	48	45	46	58	62	63	64	65	66	64	63	67	63	63.4	
	BOYCE 3 WNW	MAX 91	90	87	89	89	89	92	89	86	86	87	83	95	94	84	88	82	74	76	79	85	87	91	90	90	91	90	91	91	91	87.6	
		MIN 61	75	66	71	71	62	68	72	64	61	60	60	74					52	50	52	51	62	65	69	66	68	67	69	67	67	64.1	
	BUNKIE	MAX 93	89	90	90	88	89	88	91	90	88	88	90	96	94	87	87	79	74	77	82	87	88	90	89	93	91	91	93	93	93	88.4	
	MIN 76	70	73	72	71	64	65	66	63	62	57	63	72	73	71	67	59	50	44	45	49	56	56	63	64	65	63	62	61	62	62.8		
GRAND COTEAU	MAX 89	89	91	90	94	92	95		66	68	60	62	71	71	72	71	70	62	51	47	50	61	66	64	65	64	65	64	65	61	64.8		
	MIN 77	73	74	72	70	65																										87.3	
JONESVILLE LOCKS	MAX 91	88	90	88	90	89	89	92	86	85	87	90	92	93	88	87	83	77	80	78	84	88	90	91	89	89	90	91	91	91	87.6		
	MIN 74	70	72	69	68	66	66	67	61	56	59	61	73	69	70	68	59	50	48	48	49	61	62	64	65	65	67	66	67	65	63.5		
LSU DEAN LEE EXP STN	MAX 90	85	91	90	89	90	89	90	89	85	87	89	93	92	86	88	85	78	74	77	82	86	89	90	91	90	91	90	91	93	87.6		
	MIN 75	73	70	70	70	69	65	66	62	55	57	63	71	71	68	59	50	44	45	45	45	51	57	62	62	64	62	62	65	62	62.2		
MAMOU 4 S	MAX 92	89	90	88	91	90	95	92	90	90	90	90	90	93	93	89	86	85	75	79	81	88	91	93	95	93	94	94	96	95	95	89.9	
	MIN 79	68	77	73	73	67	69	69	69	62	64	73	72	75	73	71	63	52	50	52	61	61	63	68	67	70	67	66	69	67	67	67.0	
MELVILLE	MAX 87	91	88	91	88	88	89	90	89	83	86	88	90	91	88	81	86	78	73	76	80	83	85	88	91	89	89	90	90	91	86.6		
	MIN 75	74	73	70	70	65	66	67	66	58	59	63	67	71	70	68	61	51	46	51	56	59	63	63	65	67	65	64	67	63	64.1		
NEW ROADS 5 ESE	MAX 94	90	92	90	90	90	89	91	92	86	87	89	92	89	88	81	87	80	74	75	80	82	83	88	88	89	88	89	90	90	87.1		
	MIN 76	74	74	70	70	67	68	66	67	62	61	64	73	70	71	68	62	53	51	49	55	56	59	62	64	67	67	67	66	64	64.8		
OLD RIVER LOCK	MAX 90	89	87	91	90	91	89	90	89	89	89	87	93	91	89	88	84	77	75	80	82	84	88	90	90	89	90	90	90	89	87.1		
	MIN 75	70	73	70	70	68	69	70	68	67	60	62	72	71	69	68	61	51	48	48	48	47	60	62	65	66	67	66	68	65	64.1		
OLLA 3 SSW	MAX 90	88	90	88	88	87	88	92	84	84	87	90	94	94	88	88	83	75	73	78	83	86	91	93	93	92	93	93	95	94	88.1		
	MIN 73	73	72	69	67	61	62	64	55	52	53	55	67	70	71	65	57	46	40	41	45	55	57	58	61	62	60	61	62	60	61	59.6	
WOODWORTH 2 SE	MAX 89	85	90	88	89	91	90	92	88	88	89	89	89	90	94	90	87	78	75	77	80	88	89	92	91	93	93	94	93	92	88.4		
	MIN 72	72	70	69	68	64	64	65	62	55	55	67	67	68	69	66	58	46	43	45	52	57	60	64	62	62	64	61	61	60	61.6		
06	EAST CENTRAL																																
	AMITE	MAX 95	98	92	90	90	88	91	92	89	87	88	91	93	90	92	80	88	81	80	81	81	84	88	91	92	89	90	93	93	93	88.7	
		MIN 74	71	70	70	69	65	66	69	65	58	59	63	69	72	71	67	61	51	47	48	56	56	57	62	63	65	66	66	65	62	63.4	
	BATON ROUGE WSO AP	MAX 90	91	89	89	90	89	92	92	87	88	89	91	86	90	81	87	80	73	76	80	82	85	89	90	89	88	90	90	91	91	87.2	
		MIN 76	75	73	70	72	66	69	67	67	60	61	70	73	72	71	69	60	52	49	51	60	58	61	65	66	66	68	67	66	63	65.4	
	BOGALUSA	MAX 93	88	92	89	89	89	90	92	89	85	82	84	93	88	90	90	88	79	73	76	82	84	87	91	91	89	89	93	93	93	87.7	
		MIN 70	72	72	70	70	66	70	65	66	58	59	60	69	72	70	69	61	52	47	47	49	48	56	56	62	64	65	64	65	62	62.5	
	CLINTON 5 SE	MAX 94	87	90	91	88	90	90	91	88	86	82	91	92	89	90	80	87	79	72	76	80	82	86	90	91	89	89	90	91	92	87.2	
		MIN 74	71	71	69	70	65	69	65	65	59	57	62	73	70	70	66	60	50	47	47	52	56	60	62	62	66	67	65	65	61	61	63.2
	COVINGTON 4 NNW	MAX 90	88	89	88	89	90	92	90	87	87	90	92	90	87	83	88	86	78	77	81	84	86	90	91	89	89	91	93	93	92	88.0	
	MIN 72	70	71	71	72	65	69	65	67	56	56	65	70	70	69	60	50	46	44	53	51	56	61	64	64	65	65	60	58	62.5			
FRANKLINTON 3 SW	MAX 85	88	89	87	91	91	91	87	83	85	88	91	87	94	79	84	77	71	72	79	81	84	88	88	86	87	88	88	92	92	85.8		
	MIN 68	68	68	67	66	62	60	62	60	55	63	63	66	66	67	64	55	46	43	42	51	50	56	56	58	62	62	61	64	60	59.7		
HAMMOND 5 E	MAX 93	88	89	90	89	90	91	93	92	86	88	90	91	87	89	80	88	80	74	76	80	83	86	91	90	88	90	90	91	91	87.5		
	MIN 74	72	71	71	71	64	64	64	67	57	58	60	68	70	70	69	60	50	45	46	46	53	55	58	60	64	65	65	61	59	61.9		
HAMMOND 3 NW	MAX 90	89	89	90	89	90	90	92	91	87	88	91	90	85	92	78	87	80	74	77	81	83	85	90	92	87	90	90	90	92	87.3		
	MIN 73	71	70	70	70	63	68	65	67	56	58	67	72	70	71	68	60	50	46	46	54	53	57	60	63	64	65	64	62	59	62.7		
LSU BEN-HUR EXP STN	MAX 93	90	90	90	88	91	91	93	91	92	88	89	94	89	91																		

DAILY TEMPERATURES (°F)

LOUISIANA
SEPTEMBER 1981

STATION		DAY OF MONTH																															AVERAGE			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
PLAQUEMINES EXP STN	MAX	91	91	94	90	89	88	91	92	91	87	88	91	93	86	90	87	81	79	75	78	82	84	88	89	88	88	85	87	89	88	87	83			
	MIN	74	72	75	72	66	75	72	72	71	71	68	73	74	69	69	69	64	68	60	58	50	60	61	60	65	68	67	67	69	68	68	67	66		
RESERVE	MAX	92	86	88	92	93	92	93	92	92	85	87	92	91	90	90	90	85	80	78	80	80	82	82	89	92	90	90	88	89	90	89	90	88	90	
	MIN	76	72	73	75	70	70	72	68	70	64	65	69	70	68	72	71	66	58	52	54	50	58	58	62	65	67	68	66	66	66	64	64	64	64	
SAINT BERNARD	MAX	93	90	95	91	90	88	91	92	89	87	90	93	94	86	90	86	85	79	74	78	83	85	88	90	89	89	89	89	91	91	91	91	89	91	
	MIN	76	70	71	69	72	72	71	71	72	66	62	71	73	71	71	70	65	57	55	50	56	56	59	63	67	65	69	67	67	64	64	64	64	64	64
TH1800AUX	MAX	90	89	90	91	90	91	93	93	92	87	88	90	93	91	89	89	87	82	74	78	80	81	86	89	87	92	88	89	90	91	91	89	91	89	91
	MIN	76	75	74	70	68	72	70	70	70	64	65	68	73	70	72	70	63	53	52	54	59	62	60	63	64	72	65	65	62	60	60	60	60	60	60

LOUISIANA
SEPTEMBER 1981

STATION-NAME	SOIL-TYPE	SOIL-COVER	SLOPE	UNITS
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%	F
CLINTON 5 SE STATION	BUFF TERRACE	BARE	0%	F
CROHLEY EXP STATION	COASTAL PRAIRIE	BARE	0% 1% TO 5	F
HAMMOND 5 E	FINE SANDY LOAM	BARE	0%	F
HOUMA	MOON SILT CLAY LOAM	BARE	0%	F
LSU OGAN LEE EXP STA	REO RIVER ALLUVIAL	BARE	0%	F
REO RIVER VALLEY EXP STA	REO RIVER ALLUVIAL	BARE	0%	F
ROSEPINE EXP STA	FINE SANDY LOAM	BARE	0%	F
SAINT JOSEPH EXP STA	SHARKEY CLAY	BARE	0%	F
BLINNS80RO	BLUFF TERRACE	BARE	0%	F

SEE REFERENCE NOTES FOLLOWING STATION INDEX
15

EVAPORATION AND WIND

LOUISIANA
SEPTEMBER 1981

STATION		DAY OF MONTH																															TOTAL OR AVG
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01 RED RIV VALLEY EXP STN	EVAP	30	01	10	08	16	26	21	17	16	21	21	14	22	18	16	17	19	18	20	18	19	20	20	22	20	22	20	18	21	20		
	WIND	58	14	11	14	19	23	12	8	10	12	15	16	9	23	18	10	15	16	22	27	24	19	30	31	26	26	15	26	20			
NORTH CENTRAL 02 CALHOUN EXP STATION	EVAP	14	13	17	08	14	28	21	25	19	18	21	22	13	24	15	21	27	23	21	17	17	23	20	21	24	22	21	18	21	23		
	WIND	5	6	11	3	7	12	9	11	16	12	8	7	5	16	9	16	46	44	24	12	14	13	10	13	12	22	18	11	17	12		
NORTHEAST 03 SAINT JOSEPH EXP STN	EVAP	05	13	21	13	22	24	23	13	11	36	19	23	15	37	37	18	20	11	20	15	08	18	26	21	21	20	18	22	13	33		
	WIND	14	54	22	10	20	31	23	13	24	31	15	15	13	37	37	18	40	42	43	14	26	17	13	37	15	30	27	16	36	18		
EAST CENTRAL 06 LSU BEN-HUR EXP STN	EVAP	21	30	19	42	16	38	12	25	12	42	26	07	20	14	26	-	-	30	*	*	62	21	21	21	22	23	*	41	25	27		
	WIND	41	43	36	25	12	44	3	18	47	46	13	17	18	20	32	22	66	92	*	*	102	11	14	19	16	20	*	44	27	23		
SOUTHEAST 09 HOUMA	MAX	97	93	95	95	96	98	97	96	97	95	95	94	91	93	95	85	96	86	-	-	86	91	93	95	96	94	-	95	93	93		
	MIN	77	75	75	72	73	71	72	71	72	64	62	70	74	74	74	73	63	54	-	-	59	63	62	67	67	63	-	69	69	67		
	EVAP	-	*	28	11	26	18	17	19	20	22	17	15	-	18	07	16	19	22	27	18	15	12	23	18	15	22	25	16	13	20		
	WIND	26	31	25	24	12	23	14	9	31	21	25	27	18	17	16	20	31	41	37	16	18	22	20	18	3	11	20	29	24	19		

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES. (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
SEPTEMBER 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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[illegible]

LOUISIANA
SEPTEMBER 1981

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME			SPECIAL	
							TEMP	PRECIP	EVAP		
OAKDALE GROVE 2 WSW	6836	073	ALLEN	30 42	90 45	190	7A			JONES	
OAKDALE FIRE TOWER	6837	073	ALLEN	30 42	90 45	190	7A			JONES	
OBERLIN RIVER LOCK	6911	007	ALLEN	30 42	90 45	190	7A			JONES	
OLD RIVER SW	6932	006	ALLEN	30 42	90 45	190	7A			JONES	
OLLA 3 SSW	6938	006	ALLEN	30 42	90 45	190	7A			JONES	
OLLA 3 SSW	6938	006	ALLEN	30 42	90 45	190	7A			JONES	
OLLA 3 SSW	6938	006	ALLEN	30 42	90 45	190	7A			JONES	
OLLA 3 SSW	6938	006	ALLEN	30 42	90 45	190	7A			JONES	
OLLA 3 SSW	6938	006	ALLEN	30 42	90 45	190	7A			JONES	
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OLLA 3 SSW	6938	006	ALLEN	30 42	90 45	190	7A			JONES	
OLLA 3 SSW	6938	006	ALLEN	30 42	90 45	190	7A			JONES	
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OLLA 3 SSW	6938	006	ALLEN	30 42	90 45	190	7A				

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F

RESULTANT WIND: The vector sum of wind velocity (direction and speed) divided by the number of observations. In "Supplemental Data" tables, resultant directions are in tens of degrees.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- ++ Highest observed one minute wind speed. The station is not equipped with an instrument to measure fastest mile.
- * Gage not read. The precipitation included in the amount following the asterisks. Time distribution not known.
- // Gage equipped with a windshield.
- ~ Extreme occurred at a station with incomplete data. It may have been exceeded at that station.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading.
- B Adjusted monthly value of evaporation. Total evaporation amount is divided by number of recorded days, multiplied by number of days in the month.
- O Water equivalent of snowfall entirely or partially estimated, using a ratio of 1 inch water to every 10 inches of new snowfall.
- M Missing data. It appears with the average temperature in the "Monthly Summarized Station and Divisional Data" table if less than 10 days data are missing and it appears alone if 10 or more days are missing.
- R Amounts from recording gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

AR Observation made "after rain" has occurred.

C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.

G Observations appear in "Soil Temperatures" table.

H Observations appear in "Monthly Snowfall and Snow on Ground" table.

J Observations appear in "Supplemental Data" table.

M10 Observation time is midnight.

S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.

SR Observation time near sunrise.

SS Observation time near sunset.

VAR Observation time varies.

M0 Gage read once monthly, usually the last day.

OC Gage readings vary from a few weeks to several months.

WI Gage read weekly or irregularly.

WM Gage read weekly and last day of month.

Thermometers located in a rooftop shelter.

\$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Late Reports and Corrections will be published annually as a supplemental bulletin.

Interpolated values for monthly precipitation totals may be found in the annual issue of this bulletin.

Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

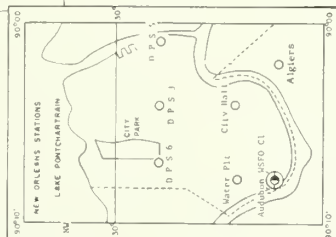
Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

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STATUTE MILES

10 0 10 20 30 40

90TH MERIDIAN TIME ZONE



STATION LEGEND

Precipitation only

Precipitation, storage

Precipitation and Temperature

Precipitation, Temperature and Evaporation

☐ Non-recording,

☐ Both types

binations indicate the a

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U.S. COUNCIL - NOAA - ASHLEY

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ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^{\circ}$ AND $45\frac{1}{2}^{\circ}$



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**THIRD CLASS
BULK RATE**

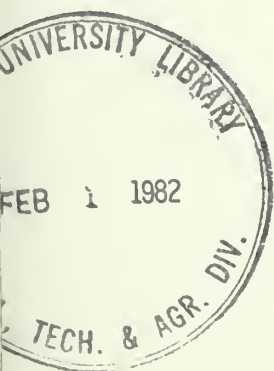
CLIMATOLOGICAL DATA

LOUISIANA

OCTOBER 1981

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NATIONAL CLIMATIC CENTER, ASHEVILLE NORTH CAROLINA"
28801

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
OCTOBER 1981

HIGHEST TEMPERATURE:
LOWEST TEMPERATURE:
GREATEST TOTAL PRECIPITATION:
LEAST TOTAL PRECIPITATION:
GREATEST 1 DAY PRECIPITATION:

BIENVILLE 3 NE
3 STATIONS
RED RIVER VALLEY EXP STN
SAINT BERNARD
BELAH FIRE TOWER

96 DATE 01
32 DATE 27+
9.82
9.54
4.77 DATE 07

SUPPLEMENTAL DATA

STATION	WIND DATA (SPEED IN MPH)						RELATIVE HUMIDITY AVERAGE (%)				NUMBER OF DAYS WITH PRECIPITATION (INCHES)						PERCENTAGE OF POSSIBLE SUNSHINE	AVERAGE SKY COVER (TENTHS)	SUNRISE-SUNSET		
	DIRECTION	RESULTANT	SPEED	AVERAGE	FASTEST MILE		TIME ZONE				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	OVER 1.99				TOTAL	
					SPEED	DIRECTION	00	06	12	18											
																					CENTRAL
BATON ROUGE WSO AP	7	3.2	9	6	18	84	89	63	69	8	2	6	1	0	0	1	1	25	3		
LAKE CHARLES WSO AP	11	3.8	8	8	23	88	92	63	69	6	2	6	1	1	0	0	1	14	3		
NEW ORLEANS WSO AP	16	3.5	7	7	20	85	89	64	77	7	2	6	2	0	0	0	9	19	7		
SHREVEPORT WSO AP	11	2.4	7	7	29	88	91	67	77	5	1	6	2	2	0	0	1	5	3		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
OCTOBER 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX 3

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
OCTOBER 1981

STATION										TEMPERATURE (°F)										PRECIPITATION (IN)									
STATION	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	SNOW, SLEET			NO. OF DAYS				
												90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW							1.00 OR MORE	.50 OR MORE	.10 OR MORE					
EAST CENTRAL																													
06	81.2	56.2	68.7	68.7	8.7	94	3720	3720	69	192	69	6	0	0	2.50	1.23	1.3826	96	0	0	4	2	1						
AMITE	79.0	57.8	67.5	67.5	1.6	91	3720	3720	64	176	64	15	0	0	1.428	1.41	1.5026	96	0	0	4	2	1						
BATON ROUGE WSO AP	79.9	55.1	67.3	67.3	2.2	92	3720	3720	74	162	74	4	0	0	2.07	1.03	1.4510	96	0	0	4	2	1						
BOGALUSA	81.1	56.1	68.6	68.6	2.5	91	3720	3720	43	167	43	2	0	0	2.07	1.03	1.4510	96	0	0	4	2	1						
CLINTON 5 SE	78.9	55.5	67.2	67.2	9.3	93	3620	3620	81	156	81	5	0	0	1.92	1.79	1.309	96	0	0	3	1	1						
COVINGTON 4 NNW	80.6	56.4	67.4	67.4	1.0	92	3620	3620	77	163	77	4	0	0	1.84	.94	1.2410	96	0	0	3	1	1						
FRANKLIN 3 SW	78.7	56.1	67.4	67.4	9.2	94	3720	3720	90	206	90	5	0	0	1.14	1.07	1.5325	96	0	0	2	1	1						
HAMMOND 5 E	80.4	57.3	69.4	69.4	9.2	94	3720	3720	53	198	53	5	0	0	1.75	1.07	1.5325	96	0	0	2	1	1						
HAMMOND 3 NW	81.2	57.6	69.4	69.4	1.1	92	3720	3720	53	198	53	5	0	0	1.75	1.07	1.5325	96	0	0	2	1	1						
LSU BEN-HUR EXP STN	81.2	57.6	69.4	69.4	1.1	92	3720	3720	53	198	53	5	0	0	1.75	1.07	1.5325	96	0	0	2	1	1						
SLIDELL WSO	81.2	57.6	69.4	69.4	1.1	92	3720	3720	53	198	53	5	0	0	1.75	1.07	1.5325	96	0	0	2	1	1						
DIVISION			68.1	68.1											1.75	1.07	1.5325	96	0	0	2	1	1						
SOUTHWEST																													
07	80.8	57.7	69.3	69.3	9.3	93	4227	4227	75	217	75	5	0	0	2.91	3.28	1.6515	8	0	0	8	3	0						
CROWLEY EXP STATION	79.5	55.4	66.8	66.8	1.0	92	3527	3527	103	191	103	4	0	0	5.87	3.28	1.8515	8	0	0	8	3	0						
DE QUINCY 4 N	79.9	55.9	67.9	67.9	3.1	93	3527	3527	110	171	110	4	0	0	5.54	2.93	1.827	8	0	0	8	3	0						
DE RIDDER	78.6	61.9	70.3	70.3	1.1	88	4427	4427	59	229	59	7	0	0	4.01	1.36	2.301	7	0	0	7	2	1						
ELIZABETH	80.7	58.0	69.4	69.4	8.2	91	4027	4027	83	228	83	7	0	0	4.90	1.36	2.112	2	0	0	7	2	1						
HACKBERRY 8 SSW	80.0	59.4	69.7	69.7	3.3	90	4027	4027	71	224	71	7	0	0	3.72	1.24	1.8514	2	0	0	7	2	1						
JENNINGS	80.5	57.4	69.0	69.0	3.3	93	3927	3927	87	216	87	7	0	0	5.30	1.04	1.0023	2	0	0	7	2	1						
LAKE CHARLES WSO AP	81.4	60.8	71.1	71.1	9.1	91	4327	4327	62	258	62	5	0	0	2.88	1.19	1.0410	2	0	0	7	2	1						
LABEIN FIRE TOWER	79.5	58.1	68.8	68.8	8.8	88	4329	4329	80	206	80	5	0	0	4.68	1.19	1.511	2	0	0	7	2	1						
ROCKEFELLER WL REFUGE		69.0	69.0	69.0	3.3										4.68	1.19	1.511	2	0	0	7	2	1						
VERMILION LOCK																													
DIVISION																													
SOUTH CENTRAL																													
08	81.0	58.2	69.6	69.6	0.0	92	4328	4328	54	212	54	5	0	0	1.82	87	.43	2	0	0	5	2	0						
CARVILLE 2 SW	79.6	60.3	71.0	71.0	1.1	91	4528	4528	47	237	47	3	0	0	2.59	1.55	.951	2	0	0	5	2	0						
FRANKLIN 3 NW	80.0	58.9	69.5	69.5	5.4	91	4224	4224	75	216	75	3	0	0	1.96	1.55	.3910	2	0	0	5	2	0						
JEANERETTE EXP STN	80.0	58.9	69.5	69.5	5.4	91	4027	4027	63	241	63	2	0	0	1.50	1.85	.4125	2	0	0	5	2	0						
LAFALETTE FAA AP	80.6	62.0	71.3	71.3	4.4	90	4827	4827	43	241	43	2	0	0	4.61	1.94	1.71	2	0	0	5	2	0						
MORGAN CITY	80.0	59.4	69.7	69.7	9.2	92	4320	4320	71	225	71	5	0	0	3.04	1.04	1.04	9	0	0	5	2	0						
NEW IBERIA 5 NW	80.0	59.4	69.7	69.7	9.2	92	4320	4320	71	225	71	5	0	0	3.04	1.04	1.04	9	0	0	5	2	0						
DIVISION			70.1	70.1	6.6										2.59	.70	1.04	9	0	0	5	2	0						
SOUTHEAST																													
09	78.8	66.8	72.9	72.9	8.8	93	5327	5327	17	267	17	0	0	0	4.39	8	2.5	5	0	0	4	3	0						
BOOTHVILLE WSCMO CI	80.4	66.4	73.0	73.0	8.8	93	5327	5327	15	268	15	0	0	0	4.39	8	2.5	5	0	0	4	3	0						
DELTA-BRETTON WL REF	80.1	65.3	71.9	71.9	8.8	91	4020	4020	71	211	71	0	0	0	1.10	1.00	.3218	5	0	0	4	3	0						
DONALDSONVILLE	82.1	60.7	70.9	70.9	6.9	90	4120	4120	39	250	39	4	0	0	3.10	1.20	1.202	5	0	0	4	3	0						
GALLIANO	81.0	60.7	70.9	70.9	6.9	91	4120	4120	59	250	59	4	0	0	3.10	1.20	1.202	5	0	0	4	3	0						
HOUMA	80.5	60.4	70.5	70.5	9.2	92	4421	4421	49	226	49	5	0	0	1.45	.87	.7825	5	0	0	3	1	0						
LOUISIANA NATURE CTR	80.7	61.4	71.1	71.1	2.4	91	4428	4428	36	280	36	4	0	0	2.03	1.34	.8255	5	0	0	3	1	0						
NEW ORLEANS WSCMO AP	81.1	65.2	73.2	73.2	2.4	90	5220	5220	19	280	19	4	0	0	1.55	.74	.982	5	0	0	3	1	0						
N O ADBON WSO CI	81.3	63.9	70.2	70.2	9.1	91	4120	4120	53	258	53	3	0	0	4.24	1.39	1.734	5	0	0	3	1	0						
PARADISE 7 S	81.0	63.9	72.5	72.5	9.1	91	5229	5229	19	258	19	3	0	0	1.99	1.23	1.734	5	0	0	3	1	0						
PLAQUEMINES EXP STN	81.2	59.9	70.6	70.6	9.2	92	4528	4528	47	226	47	4	0	0	1.54	1.22	.7026	5	0	0	3	1	0						
RESERVE	80.6	60.2	70.4	70.4	1.0	93	4520	4520	45	227	45	4	0	0	1.54	1.70	.4825	5	0	0	3	1	0						
SAINT BERNARD	82.2	59.1	70.7	70.7	3.3	91	3820	3820	44	227	44	4	0	0	2.28	1.59	.2826	5	0	0	3	1	0						
THIBODAUX																													
DIVISION																													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
01 NORTHWEST BETHANY FIRE TOWER BODDCAU VALLEY COUSHATTAS GREENWOOD FIRE TOWER HANNAS HOSSTON KEITHVILLE KORANSPORT 4 ENE LOGANSFIELD 3 HSW MARTIN FIRE TOWER MINDEN MINDENSPORT 1 N PLAIN VALLEY PLAIN VALLEY EXP STN PREDBOSSA RODESSA RODESSA SHREVEPORT SHREVEPORT MSO AP SPRINGHILL	5.44					1.35	.68	1.24	1.32	1.10	1.46			.07	.02	
	5.53					.02	.57	1.57	1.77	1.77	1.49					
	5.97					.58	.60	1.92	1.92	1.81	.08	.04				
	6.36						1.22	1.50	1.81	.82	.08					
	6.97						1.22	1.50	1.81	.82	.08					
	7.08						1.22	1.50	1.81	.82	.08					
	7.20						1.22	1.50	1.81	.82	.08					
	7.32							1.22	1.50	1.81	.82	.08				
	7.45							1.22	1.50	1.81	.82	.08				
	7.56							1.22	1.50	1.81	.82	.08				
	7.67							1.22	1.50	1.81	.82	.08				
	7.74							1.22	1.50	1.81	.82	.08				
	7.80							1.22	1.50	1.81	.82	.08				
	7.88							1.22	1.50	1.81	.82	.08				
	7.99							1.22	1.50	1.81	.82	.08				
02 CENTRAL ANTHONY BENTON 																

SEE REFERENCE NOTES FOLLOWING STATION INDEX 5

DAILY PRECIPITATION (CONT)

LOUISIANA
OCTOBER 1981

STATION	DAY OF MONTH																			
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
01 NORTHWEST BETHANY FIRE TOWER BODCAU VALLEY COTTONWOOD FIRE TOWER GREENWOOD FIRE TOWER HANNA HOSSTON KEITHVILLE KORANSPORT 4 ENE LOGANSFIELD 3 WSW MANSFIELD FIRE TOWER MARTIN MINDEN MOORINGSPORT 1 N PLAIN DEALING VALLEY EXP STN RED RIVER VALLEY ROBESON RODESSA SHREVEPORT DOWNTOWN SHREVEPORT WSO AP SPRINGHILL	2.10 .08 2.22 2.21 .10 .02 .73 .09 3.57 3.80 1.19 1.08 .75	.45 .11 .50 .15 .55 41 .03 .12 .93 .03 .19 .16 .66 T	.44 .50 .32 .58 61 .62 .53 .53 .55 .57 1.45 .43 1.10				.11 .22 .42 15 .35 .07 .38 .20 .17 .40 .16 .07	.11 .05 .12 19 .45 .86 .07 .13 .15 .10 .02 .44		.25 .18 .05 T .19 .08 16 .17 .50 .24 .11 .17 .25 .15	1.22 .51 .37 .95 .81 .04 16 .18 .50 .24 .14 .11 .12 .23 .30	T				.04 T				
	02 NORTH CENTRAL ANTIOCH FIRE TOWER BIENVILLE STATION CALUMOUNA LOCKS COLUMBIA STATION HOMESBORO FIRE TOWER JONESBORO MARION MONROE MONROE RUSTON RUSTON-FA TECH UNIV SALESVILLE FIRE TOWER STERLINGVILLE STERNFIELD W WINNONA FIRE TOWER	.65 .08 .04 .04 .79 .01 .08 .61 .09	.57 T .40 .96 .37 .77 .71 .90 T	.60 .42 .40 .48 .52 T 40 .52 .84 .56 T		.25	.04	.55 .33 .09 .04 .24 .11 36 .06 .24 .25 .15 .06 .10	.13 .38 .47 .60 .35 .56 12 .59 .51 .42 .30 .34 .40		.25 .45 .28 .13 .20 .50 73 .18 .12 .21 .81 .30 1.80	.35 .43 .20 .40 .30 .61 .02 .77 .17 .15 .40 .13 .51	T				.12 T			
		03 NORTHEAST BAPS LAKE GROVE LAKE GROVE 12 WSW SAINT JOSEPH EXP STN STEVENSON FIRE TOWER TALLULAH WINNABORO	T	.03 .20 .05 .23 .02	.34 .35 .30 .07 .42 .35				.03 .02 .02 T .02	.70 .46 .23 .37 .75 .72		.18 .18 .18 T .12	.69 .15 .41 .54 .46 .17 .73 .31	.02 T T				T		
			04 WEST CENTRAL ASHLAND CONVERSE GORDON GRAND ECORE HODGES GARDENS LEESVILLE MANY MATCHEES ROSE PINE EXP STATION	.12 .03 .07	.10 .11 .35 .07 .03 .07	.45 .32 .07 .39 .50 .15				.15 .10 .10 T .08	.59 .31 .60 .22 .28 .40 .21 .18		.13 .08 .52 .40 .65 .40 .72	.41 .10 .24 .12 .30 .06 .59	.03 .01 T .30				T	
				05 CENTRAL ALEXANDRIA FIRE TOWER BEAVER FIRE TOWER BELLAH			.21 .16 .11				.02	.62 .70 .70		.53 2.70 .65	.31 .31 .15	.01				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
OCTOBER 1981

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOYCE 3 NNW	50	.50	1.80				1.26	.60	.54	.80	.20					
BUNKIE	50	1.33	1.45					1.45	.04	.28	.13				.12	
BUONICCONTI LOCKS	33	.43		T				1.40	.24	.35	.15					
GRANVILLE EXP STN	33	.43	.73		.14			1.39	.09	.35	.15					
LESLIE 4 S	43				.10			1.04	.20	.12	.10					
MARKSVILLE	43		1.20					.05	.20	.08	.12					
MENARD 5 ESE	43		2.17						.33	.03	.43					
OLD ROAD SW	43		1.38					1.20	.11	.15	.23					
OLLE 3 SSW	43		1.13		.12			.03	.08	.40	.23					
OPERA 3 SSW	43		1.75					.60		.13	.13					
PORT ALBERT	43		.95							.13	.13					
SIMMONS 2 SE	33											T				
SIVIDMOR	33															
EAST CENTRAL F TWR 06	13		.01						.07	.17	.71					
ABBITER	13		.19						.02	.03	.02					
AMAKER	13	.40	.80		T					.02	.08					
BAGATON	13		1.00	T					.01	.04	.44			.04		
BAGATON USA	13		.17						.01	.02	.44					
BOLLING 5 NNW	13		.14							.90	.03					
CLINTON SPRINGS	13		.64								.03					
CONRAD 3 SW	13		.68								.02					
DERANKLIN 3 SW	13										.02					
FRANKLIN 3 SW	13		1.74						.13	.30	.41					
GRAMM 3 SW	13		.28						.06	.06	.14					
HAMM 3 SW	13										.18					
HAMM 3 SW	13										.24					
HAMM 3 SW	13										.02					
HAMM 3 SW	13										.11					
HAMM 3 SW	13										.34					
HAMM 3 SW	13										.02					
HAMM 3 SW	13										.15					
HAMM 3 SW	13										.02					
HAMM 3 SW	13										.02					
HAMM 3 SW	13										.02					
HAMM 3 SW	13										.02					
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HAMM 3 SW	13										.02					
HAMM 3 SW	13										.02					
HAMM 3 SW	13										.02					
HAMM 3 SW	13										.02					
HAMM 3 SW	13										.02					
HAMM 3 SW	13										.					

DAILY PRECIPITATION (CONT)

LOUISIANA
OCTOBER 1981

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BOYCE 3 WNW			.46				.10	.30	.24	1.80	.03					.01
BUNKIE			.05				.56	.22	T	.05	.10					
GRANDVILLE			.27					.50		.04	.24					
LSU DEAN S			.24					.42		.01	.09					
MARKSVILLE		.04	.23					.70		.57	.15	T				T
MELVILLE			.15					.37		.10	.51					
NEW ROADS 5 ESE			.09	T				.44	.50	.54	.71					
OLD A 3 SSW			.08				.01	.44	.12	.24	.73					
OPELOUSAS			.18					.61	.11	.14	.80	T				
PORT ALLEN			.30					.48	.40	.12	.29					
SIMMESPORT			.18					T	.46	.07	.80					
VIDALIA 2			.30					.36		.10	.10	.53				
WOODWORTH 2 SE			.18				.51			1.10	.15	T				
EAST CENTRAL SPRINGS F TWR 06			.05					.02		1.12	.76					
ABITE			.05	T				.09	.10	T	.30					
BAKON ROUGE WSO AP			.01	T	T			.09	.01	.37	.50					
BATON ROUGE WOODLAWN			.01	.08				T	.05	.08	.54	T				
BOGALON USA			.02	T				.20	.09	.07	.23					
CLINTON 5 SE			.02	.01				.02	.28	.08	.45					
COVINGTON 4 NNW									.45	T	.48					
DENHAM SPRINGS			.02					.06	.07	.15	.80					
FRANKLINTON 2 SW			.02	.01				.02	.09	.12	.37					
GREENWELL SPRINGS			.02	.01				.02	.02	.22	.44					
HAMMOND 3 NW			.02					.02	.02	.08	.18					
KENTWOOD			T					.05	.02	*	.86					
LIVINGSPOOL 3 ENE			.02					.05	.10	.40	.90					
LIVINGSTON 3 ENE			.09					.08	.06	.15	.40					
LSU BEN-HUR EXP STN			.09	.04				.03	.32	.40	.22					
OAKNOLIA			.09	.03				.40	.07	.37	.67					
PEARL RIVER LOCK 1			.12	.06				.17	.35	.21	.36					
PORT VINCENTSVILLE			.05	.06				.04	.07	.15	.25					
SAINT IDAN FIRE TOWER			.05	.06				.04	.10	.37	.50					
SLIDELL WSO			.11	T				.03	.10	.11	.40					
SPRINGVILLE FIRE TOWER																
WATSON 3 ENE																
ZACHARY 2 ENE																
SOUTHWEST			.45	.10				.02	.20	.35	.12					
ABBEEVILLE EXP STATION 07			.20	.38				.22	.05	.05	.35					
ABBEVILLE 4 N			.43	.02				.68	.01	.30	.18					
CODE RIDDER			.04	.01				.05	.07	.00	.01					
ELIZABETH 8 SSW			.48	.01				.22	.07	.09	.18	.01				
HACKENBERG			.60	.05				.50	T	.40	.08					
JENNINGS			.54	.40				.39	.26	.31	.53					
LAKE CHARLES 2 N AP			.39	.05				.11	.11	.25	.88					
LAKEVILLE			.32	.01				.33	.02	.02	.25					
LONGVIEW SE			.15					.02	.24	.33	.73					
MITCHELL 2			.32					.02	.24	.33	.73					
OBERLIN FIRE TOWER			.01					.02	.24	.33	.73					
ROCKEFELLER WL REFUGE			.05					.02	.24	.33	.73					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
OCTOBER 1981

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUGARTOWN	3.89		.58								1.14					
SULPHUR	3.92		.08		T		.20	1.11	.44		.37	.01			.23	.33
VERMILION LOCK	2.88			T				.10	.35			.51			T	
SOUTH CENTRAL LOCK	2.08		.05							.03		1.38		.07	.12	
8AYOU SORRECE	1.97		.80							.02	.15	.42			.20	
BUTTE LA ROSE	1.82		.43										.24			
CARVILLE 2 SW	2.59	.95						.13	T	.24				.07	T	
FRANKLINITE 3 NW STN	1.96		.15						T	.30	.39			T		
JEANERETTE EXP AP	1.50	.32							T	.20	.56			.58	.56	
LAFAYETTE FAA AP	4.61		1.71		T			.13	T	.16	.13					
MORGAN CITY	3.04		.23							1.04	.08	.50			.08	
NEW IBERIA 5 NW	1.55		.47						T	.01						
PLAQUEMINE 2 N																
SOUTHEAST WSCMO CI	4.38	.09								.14			.60	.14		
BOOTHVILLE WSCMO WL REF	4.99										.06	.17		1.50	.30	
DELTA-BRETTONVILLE	1.10		1.20							.02	.03		T	.17		
DONALDSONVILLE	3.10		.05								.15				.38	
GALLIANO	1.26		.62							.02	.11		.05	.52		
GONZALES	2.45			.06				.65	.08	.01	T		.09			
LOUISIANA NATURE CTR	2.05	.02						.09		.33	.09					
NEW ORLEANS WSCMO CAP	1.82	.14								.05						
NEW ORLEANS WFOCCI	1.98															
NEW ORLEANS ALGERS	1.63	.06							.55	.02	.02	.02				
NEW ORLEANS DAPIER PLT	1.25								.02	.01						
NEW ORLEANS CITY HALL	1.05								.55	.02						
NEW ORLEANS CITY S 5	1.36								.02	.01	.01	.02	.01			
NEW ORLEANS D P S 3	1.50								.10	.12	.01		.01			
NEW ORLEANS D P S 6	4.29		1.73						.22	T	.11		.01			
PARADISE 7	1.54		.38						.05	.04	.11	.17	.01			
PLAQUEMINES EXP STN	1.54								.05	.04			.02	.10		
RESERVE BERNARD	1.54							.07	.05	.04						
THIBODAUX	1.33	.18														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
OCTOBER 1981

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SUGARTOWN SULPHUR VERMILION LOCK			.25 .33 .47	T .18				.01 1.50 .07		.20 .70 .02	.60 T .40					
SOUTH CENTRAL LOCK BAYOU SORRELE BATTE LA ROSE CARVILLE 2 NW FRANKLIN 3 NW STN JEANERETTE EXP AP LAFAYETTE FAA AP MORGAN CITY NEW IBERIA 5 NW PLAQUEMINE 2 N	08		.23 .37 .37 .24 .14 .37 .07	.40 .19 .30 .17			.02	.03 .15 .12 .04 .10 .05 .40 .07	.04 .10 .03 .05 .12 .07 .02	.03 .05 .18 .64 .17 .41 .09 .27 .01	.42 .20 T .25 .01 .46 .24	T			.02	
SOUTHEAST BOOTHVILLE WSCMO CI DELTA-BRETON WL REF DONALDSONVILLE GALLIANO GONZALES HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP NEW ORLEANS WFO CI NEW ORLEANS ALGERS NEW ORLEANS DATER PLT NEW ORLEANS CITY HALL NEW ORLEANS CDP S 5 NEW ORLEANS CDP S 3 NEW ORLEANS CDP S 6 PARADISE 7 PLAQUEMINE EXP STN RESERVE BERNARD SAINT BOUAUX	09		T .33 .07 .29 .04 .10 .04 .05 .03 .02 .04 .03 .07	 .06 .04			.01	T .57 .02 .10 .15 .03 .10 .03 .08 .06 1.12	.07 .05 .08 .06 .12 T .05	3.28 1.11 .42 .01 .78 .82 .40 .70 .65 .70 .87 .64 .48 .27	.06 .32 .24 .33 .88 .22 .01 .21 .33 .32 .25 .15 .38 .70 .28	.01				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES(°F)

LOUISIANA
OCTOBER 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
01 NORTHWEST COTTON VALLEY LOGANSPOET 4 ENE MINDEN PLAIN DEALING RED RIV VALLEY EXP STN SHREVEPORT WSO AP	MAX	93	92	83	82	89	92	76	62	58	64	73	72	82	81	80	81	78	85	69	66	70	77	74	58	58	61	51	68	69	74	76	74.0
	MIN	62	62	47	47	65	72	52	51	51	58	60	60	64	70	69	69	69	54	40	40	40	49	47	33	33	48	36	37	41	42	46	52.1
	MAX	92	91	86	92	92	89	76	59	62	79	78	79	87	84	87	87	84	69	73	76	76	64	62	67	65	70	72	76	80	75	77.9	
	MIN	60	65	53	64	72	73	55	51	56	61	57	61	73	69	70	67	70	54	38	38	50	60	46	33	45	46	33	37	39	44	59	54.8
	MAX	93	91	82	83	91	92	78	66	59	65	75	75	80	82	83	84	86	70	68	75	76	76	78	60	60	62	52	69	70	76	78	75.5
	MIN	63	65	52	53	62	73	63	50	52	58	58	60	65	70	69	69	59	54	42	41	42	49	47	36	38	40	40	40	41	54	53.6	
	MAX	92	92	85	83	90	92	75	58	57	63	72	73	82	80	82	79	78	86	71	68	71	75	71	61	60	60	52	68	70	75	77	74.1
	MIN	60	60	49	50	66	70	57	49	50	56	57	59	63	69	68	67	67	50	39	39	39	45	44	33	33	46	33	34	40	41	46	50.9
	MAX	92	93	83	82	93	94	77	64	60	65	77	77	84	82	83	85	83	87	71	67	72	76	72	60	63	53	69	69	75	78	75.9	
	MIN	61	61	51	51	64	72	62	50	50	56	56	60	62	68	67	67	67	53	43	43	43	51	47	34	34	47	39	39	40	43	47	52.5
MAX	91	81	81	92	93	77	69	59	64	74	76	86	83	84	86	83	88	71	68	73	78	75	60	59	63	56	68	69	75	78	71	75.2	
MIN	60	60	53	64	73	68	51	51	57	61	57	63	71	69	69	69	67	55	43	41	50	52	46	36	47	40	36	39	42	45	60	54.7	
02 NORTH CENTRAL BIENVILLE 3 NE CALHOUN EXP STATION HOMER EXP STATION MONROE FAA AP MONROE NLU	MAX	96	83	84	93	94	78	69	60	64	75	76	77	80	83	78	86	82	69	67	73	79	80	58	59	62	57	67	72	76	77	71	75.0
	MIN	63	63	51	61	70	69	51	50	56	61	56	62	70	67	69	67	69	51	40	38	49	53	42	35	45	48	40	39	41	46	59	54.2
	MAX	94	94	82	81	91	94	81	64	60	66	73	77	76	80	84	74	81	86	69	65	72	76	79	59	59	59	51	67	70	77	78	74.6
	MIN	63	64	50	46	61	72	64	51	53	59	59	67	68	66	67	67	57	40	37	36	45	46	34	39	50	39	38	40	45	53	52.7	
	MAX	93	92	81	78	91	91	89	61	58	64	74	75	80	80	82	80	81	84	68	67	72	77	75	59	62	59	63	68	75	76	78	75.3
	MIN	62	62	46	54	60	69	59	49	50	56	58	57	64	67	67	66	61	51	39	39	46	47	45	32	34	46	40	40	42	48	51.5	
	MAX	94	78	78	89	93	83	66	58	66	75	78	78	83	85	79	85	89	74	69	74	78	83	62	62	65	64	69	73	79	81	77	76.4
	MIN	67	54	46	55	71	64	49	49	54	65	60	64	68	69	70	70	72	55	46	40	50	60	48	38	50	51	46	44	45	49	62	55.8
	MAX	94	92	81	80	92	92	84	64	60	66	73	78	76	82	83	77	82	86	70	65	71	75	78	58	58	62	54	65	70	76	78	74.9
	MIN	63	66	44	50	69	73	63	50	52	58	58	61	65	67	66	66	68	58	42	37	38	46	46	33	39	49	41	39	41	46	52	53.1
03 RUSTON-LA TECH UNIV WINNFIELD 2 W NORTHEAST BASTROP EPPS 6 WNW LAKE PROVIDENCE SAINT JOSEPH EXP STN TALLULAH WINNSBORO	MAX	94	92	81	81	91	93	79	64	59	67	76	76	79	82	76	83	85	70	66	72	77	80	59	58	59	51	66	69	76	76	74.6	
	MIN	62	64	50	46	56	72	63	50	51	58	58	63	65	69	68	67	68	55	41	39	41	49	46	36	44	49	41	52	48	56	53.8	
	MAX	93	86	83	93	91	84	73	59	64	78	79	77	81	85	80	85	88	83	68	73	75	80	69	59	64	68	70	76	77	74	77	73.2
	MIN	61	62	43	55	72	70	53	50	56	62	57	57	69	67	66	63	63	57	38	34	45	56	45	35	35	44	38	36	39	42	56	53.2
	MAX	94	87	80	91	93	92	74	61	65	71	78	76	83	83	88	85	66	72	78	76	76	76	76	64	64	61	78	72	78	80	75	77.5
	MIN	60	65	47	60	78	72	55	50	58	64	60	62	67	65	68	68	57	41	41	50	44	60	40	33	42	48	44	41	45	51	55	54.7
	MAX	95	93	81	79	91	92	85	63	62	66	73	80	77	83	82	80	84	87	70	64	73	78	80	58	58	62	55	66	70	77	79	75.6
	MIN	68	67	45	54	67	66	62	51	52	58	60	63	65	64	65	66	67	57	40	37	43	53	47	38	40	52	42	39	41	51	60	54.2
	MAX	92	90	78	78	89	91	86	63	61	67	73	79	79	81	79	84	80	87	71	65	70	78	78	58	58	61	55	66	70	75	74	78.9
	MIN	61	66	48	51	61	70	62	53	52	59	63	62	65	64	64	65	67	58	42	41	45	54	46	37	36	47	37	42	45	53	56	53.9
04 SAINT JOSEPH EXP STN TALLULAH WINNSBORO WEST CENTRAL ASHLAND CONVERSE LEESVILLE MANY NATCHITOCHES	MAX	93	91	81	80	89	91	89	67	60	72	78	80	80	84	81	85	84	88	69	65	73	78	81	58	59	66	57	66	71	79	80	76.6
	MIN	61	65	50	52	63	69	65	52	52	60	65	65	65	65	64	67	68	62	43	36	38	53	47	40	40	55	46	42	44	49	60	54.9
	MAX	93	93	81	79	90	91	86	65	61	68	77	81	78	83	81	85	84	87	69	65	72	77	81	58	59	62	58	66	70	77	80	76.0
	MIN	62	65	45	47	58	66	63	51	52	58	61	64	64	63	63	63	64	59	41	36	37	48	46	36	36	50	45	40	42	48	57	72.5
	MAX	94	94	86	84	91	93	89	66	60	69	81	84	78	83	82	82	86	89	73	68	73	77	80	61	64	63	56	69	73	78	81	77.6
	MIN	62	66	43	49	63	68	64	52	52	58	63	65	68	66	66	65	66	60	41	35	36	52	47	36	36	52	44	39	41	42	48	53.1
	MAX	93	80	82	85	88	91	78	65	67	65	75	76	81	82	80	86	86	80	70	65	71	75	80	58	58	63	51	63	69	74	77	74.6
	MIN	60	49	55	67	69	71	63	48	50	57	57	60	63	68	68	66	65	55	37	36	41	48	45	35	38	48	37	38	38	40	50	52.3
	MAX	91	91	82	86	91	91	83	64	60	65	78	80	86	85	83	88	89	85	75	78	72	78	80	58	60	62	51	73	76	80	78	78.6
	MIN	60	62	50	50	66	70	62	50	50	58	56	61	61	68	67	68	67	55	39	38	38	50	45	35	37	50	37	35	39	46	46	52.4
MAX	93	88	86	81	91	90	87	70	62	81																							

DAILY TEMPERATURES (°F)

LOUISIANA
OCTOBER 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
05	ROSEPINE EXP STATION	MAX 92 MIN 63	86 65	86 56	85 58	92 68	91 69	90 65	74 55	64 54	88 60	85 62	85 64	90 67	86 68	82 69	89 64	89 67	88 61	70 43	70 39	74 44	78 52	81 47	81 41	59 41	56 41	67 57	57 36	69 42	74 42	77 49	79 55
	CENTRAL	MAX 92 MIN 65	84 65	83 53	84 55	90 59	90 70	88 63	70 53	60 54	78 54	84 63	85 65	83 66	82 69	85 68	86 65	87 66	88 61	71 44	69 39	73 42	77 52	82 48	82 39	60 41	58 41	67 56	56 43	69 45	73 45	77 50	80 55
	ALEXANDRIA	MAX 95 MIN 66	91 65	85 50	85 57	90 69	92 66	87 62	86 53	67 53	78 60	83 62	80 68	80 66	83 67	80 64	83 67	87 64	89 60	70 43	68 39	75 48	77 57	83 48	83 38	60 42	64 45	50 42	66 57	64 46	73 48	79 50	80 55
	BELAH FIRE TOWER	MAX 88 MIN 69	83 62	82 54	90 63	89 73	87 61	74 56	74 54	73 54	84 63	78 52	81 64	81 62	83 64	82 68	87 60	86 61	86 56	74 45	65 39	75 53	72 43	72 38	63 48	58 41	63 50	62 49	68 54	74 46	76 52	76 57	77 59
	BOYCE 3 WNW	MAX 93 MIN 62	84 67	84 53	83 53	93 66	92 69	92 65	77 57	63 54	88 62	84 69	84 63	84 63	84 63	84 63	84 63	84 63	84 63	72 45	69 39	75 45	75 45	83 51	83 41	59 42	59 42	67 54	67 43	74 46	79 51	81 53	81 53
	BUNKIE	MAX 92 MIN 68	83 66	83 56	85 66	89 69	92 68	90 61	88 58	70 59	87 70	83 65	83 66	83 68	83 68	83 68	83 68	83 68	83 68	72 46	70 46	75 50	85 49	85 45	79 45	63 48	63 48	63 48	63 48	63 48	63 48	63 48	63 48
	GRAND COTEAU	MAX 93 MIN 66	92 82	82 65	83 49	87 65	85 62	84 54	80 54	70 54	82 60	81 63	81 68	81 66	81 66	81 66	81 66	81 66	81 66	71 44	68 39	74 45	77 54	82 48	82 38	60 42	59 42	60 42	60 42	60 42	60 42	60 42	60 42
	JONESVILLE LOCKS	MAX 93 MIN 66	92 82	82 65	83 49	87 65	85 62	84 54	80 54	70 54	82 60	81 63	81 68	81 66	81 66	81 66	81 66	81 66	81 66	71 44	68 39	74 45	77 54	82 48	82 38	60 42	59 42	60 42	60 42	60 42	60 42	60 42	60 42
	LSU DEAN LEE EXP STN	MAX 93 MIN 66	90 84	84 51	83 54	91 67	91 68	88 74	82 54	61 54	80 60	82 63	83 64	83 64	83 64	83 64	83 64	83 64	83 64	70 43	66 39	74 45	77 54	82 48	82 38	60 42	59 42	60 42	60 42	60 42	60 42	60 42	60 42
	MAMOU 4 S	MAX 94 MIN 70	85 66	86 59	87 67	93 71	93 70	89 67	82 62	66 58	88 73	88 68	91 68	87 69	86 72	86 72	86 72	86 72	86 72	72 46	69 39	76 45	87 53	87 49	87 49	53 46	53 46	61 50	61 49	61 49	61 49	61 49	61 49
	MELVILLE	MAX 92 MIN 66	90 66	82 53	82 58	88 66	88 69	90 58	82 66	66 58	86 68	83 65	83 65	83 65	83 65	83 65	83 65	83 65	83 65	72 46	69 39	74 45	77 54	82 48	82 38	60 42	59 42	60 42	60 42	60 42	60 42	60 42	60 42
NEW ROADS 5 ESE	MAX 91 MIN 65	85 66	85 60	85 60	86 67	88 69	86 69	86 69	69 58	88 69	83 65	80 64	80 64	80 64	80 64	80 64	80 64	80 64	71 44	68 39	74 45	77 54	82 48	82 38	60 42	59 42	60 42	60 42	60 42	60 42	60 42	60 42	
OLD RIVER LOCK	MAX 89 MIN 66	91 62	81 53	81 54	85 58	87 65	88 65	88 65	72 58	89 65	89 65	89 65	89 65	89 65	89 65	89 65	89 65	89 65	70 43	67 39	73 44	77 54	80 48	80 38	58 41	58 41	66 50	66 45	74 46	76 52	78 54	78 54	
OLLA 3 SSW	MAX 95 MIN 60	84 64	84 45	84 47	93 67	93 63	89 63	82 52	58 52	90 63	80 58	79 67	82 66	84 66	84 66	84 66	84 66	84 66	72 46	67 39	73 44	80 48	80 38	80 38	58 41	58 41	66 50	66 45	74 46	76 52	78 54	78 54	
WOODWORTH 2 SE	MAX 91 MIN 62	89 64	85 53	84 53	90 63	92 68	88 61	72 50	58 50	83 60	84 58	86 61	86 61	86 61	86 61	86 61	86 61	86 61	72 46	67 39	73 44	78 54	78 48	78 48	58 41	58 41	66 50	66 45	74 46	76 52	78 54	78 54	
06	EAST CENTRAL	MAX 93 MIN 63	94 66	85 50	84 55	89 61	91 64	92 69	86 62	72 60	85 64	86 65	86 65	86 65	86 65	86 65	86 65	86 65	87 47	87 37	90 44	90 44	90 44	90 44	90 44	90 44	90 44	90 44	90 44	90 44	90 44	90 44	90 44
	AMITE	MAX 91 MIN 68	84 63	81 54	81 54	89 65	89 63	84 63	72 60	66 58	89 65	82 68	82 68	82 68	82 68	82 68	82 68	82 68	82 68	73 46	69 39	74 45	77 54	82 48	82 38	60 42	59 42	60 42	60 42	60 42	60 42	60 42	60 42
	BATON ROUGE WSO AP	MAX 90 MIN 62	84 62	84 52	84 52	89 63	89 63	84 63	72 60	66 58	89 65	82 68	82 68	82 68	82 68	82 68	82 68	82 68	82 68	73 46	69 39	74 45	77 54	82 48	82 38	60 42	59 42	60 42	60 42	60 42	60 42	60 42	60 42
	BOGALUSA	MAX 93 MIN 62	82 62	82 49	80 50	82 57	91 65	84 61	74 61	62 54	85 62	81 67	81 67	81 67	81 67	81 67	81 67	81 67	81 67	72 46	67 39	73 44	77 54	80 48	80 38	58 41	58 41	66 50	66 45	74 46	76 52	78 54	78 54
	CLINTON 5 SE	MAX 91 MIN 64	92 66	85 50	83 52	88 62	90 65	91 67	85 60	68 59	88 63	88 63	88 63	88 63	88 63	88 63	88 63	88 63	88 63	70 43	66 39	72 44	77 54	81 48	81 48	60 42	60 42	60 42	60 42	60 42	60 42	60 42	60 42
	COVINGTON 4 NNW	MAX 91 MIN 64	89 62	84 50	88 52	90 62	90 53	88 64	72 60	66 58	89 65	82 68	82 68	82 68	82 68	82 68	82 68	82 68	82 68	73 46	69 39	74 45	77 54	82 48	82 38	60 42	59 42	60 42	60 42	60 42	60 42	60 42	60 42
	FRANKLINTON 3 SW	MAX 93 MIN 65	85 59	82 56	82 56	90 62	93 62	86 62	72 60	66 58	89 65	82 68	82 68	82 68	82 68	82 68	82 68	82 68	82 68	73 46	69 39	74 45	77 54	82 48	82 38	60 42	59 42	60 42	60 42	60 42	60 42	60 42	60 42
	HAMMOND 5 E	MAX 91 MIN 61	92 65	85 49	83 54	86 56	88 60	88 60	88 60	65 54	85 62	80 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	70 43	66 39	72 44	77 54	81 48	81 48	60 42	60 42	60 42	60 42	60 42	60 42	60 42	60 42
	HAMMOND 3 NW	MAX 92 MIN 66	92 66	83 49	81 54	88 60	90 63	88 60	77 62	60 54	85 62	84 65	84 65	84 65	84 65	84 65	84 65	84 65	84 65	70 43	66 39	72 44	77 54	81 48	81 48	60 42	60 42	60 42	60 42	60 42	60 42	60 42	60 42
	LSU BEN-HUR EXP STN	MAX 92 MIN 63	94 66	84 56	83 59	89 65	90 63	89 63	82 63	75 60	87 65	86 64	86 64	86 64	86 64	86 64	86 64	86 64	86 64	70 43	66 39	72 44	77 54	81 48	81 48	60 42	60 42	60 42	60 42	60 42	60 42	60 42	60 42
	SLIDELL WSO	MAX 91 MIN 65	92 65	86 50	83 54	87 57	89 63	89 63	82 64	75 60	88 65	88 65	88 65	88 65	88 65	88 65	88 65	88 65	88 65	70 43	66 39	72 44	77 54	81 48	81 48	60 42	60 42	60 42	60 42	60 42	60 42	60 42	60 42

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
OCTOBER 1981

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
07 SOUTHWEST	CROWLEY EXP STATION	MAX 67	90	84	85	87	92	93	88	71	87	90	86	89	86	85	89	87	86	70	69	76	83	87	59	60	69	63	66	74	79	82	80.8	
	DE QUINCY 4 N	MIN 63	64	58	65	69	70	90	74	65	83	85	86	91	89	84	88	86	87	71	69	75	80	83	59	57	66	61	68	74	72	80	79.5	
	DERIDDER	MAX 64	88	84	86	91	90	90	74	64	85	85	84	88	87	80	88	88	88	70	69	74	78	82	57	58	61	57	68	74	78	80	78.6	
	ELIZABETH	MIN 64	65	55	58	63	69	64	54	53	60	61	63	66	68	67	64	66	58	44	39	44	52	47	41	41	51	35	40	43	47	59	54.9	
	HACKBERRY 8 SSW	MAX 64	87	85	87	91	92	87	73	62	86	86	84	86	85	84	88	87	88	71	68	71	78	80	59	57	70	65	70	73	78	78	79.9	
	JENNINGS	MIN 64	66	55	57	68	70	64	56	55	60	63	63	65	69	69	66	67	62	44	41	43	53	50	41	42	53	39	40	43	48	54	55.8	
	LAKE CHARLES WSO AP	MAX 67	91	84	86	90	91	92	83	72	86	92	87	90	88	85	89	87	88	76	69	73	79	82	69	60	60	70	58	65	73	78	82	80.7
	OBERLIN FIRE TOWER	MIN 68	68	58	58	69	71	71	60	60	63	67	67	69	69	67	68	68	67	45	43	45	55	51	45	45	53	40	44	45	45	55	58.0	
	ROCKEFELLER WL REFUGE	MAX 69	90	86	91	90	89	91	87	78	89	91	89	91	88	84	87	87	87	71	68	74	83	85	58	62	79	63	66	73	78	83	81	80.5
	VERMILION LOCK	MIN 69	70	60	59	74	73	71	67	65	69	69	70	73	70	69	64	50	49	58	56	47	47	55	43	44	49	52	44	49	52	61	60	61.8
08 SOUTH CENTRAL	CARVILLE 2 SW	MAX 69	88	86	82	85	86	87	86	79	86	87	86	86	86	82	86	86	86	72	75	73	80	84	56	60	74	65	65	68	73	80	79.5	
	FRANKLIN 3 NW	MIN 63	66	57	57	62	69	68	66	63	65	66	66	69	75	69	68	68	68	48	45	46	55	54	43	43	54	44	43	43	45	54	58.1	
	JEANERETTE EXP STN	MAX 91	92	91	80	89	90	89	89	78	87	90	84	89	81	84	86	85	86	75	69	74	80	83	64	45	55	63	64	65	72	80	74	81.0
	LAFAYETTE FAA AP	MIN 69	67	58	64	68	67	68	70	61	65	67	68	70	68	66	66	67	68	50	45	46	55	55	42	47	50	50	44	46	47	55	58.9	
	MORGAN CITY	MAX 89	89	84	83	88	89	90	91	74	88	88	86	83	83	83	86	86	85	70	69	73	80	84	55	61	72	67	73	77	81	79	66	58.9
	NEW IBERIA 5 NW	MIN 69	67	58	64	68	67	68	70	61	65	67	68	70	68	66	66	67	68	50	45	46	55	55	42	47	50	50	44	46	47	55	58.9	
	09 SOUTHEAST	BOOTHVILLE WSCMO CI	MAX 74	74	71	68	68	69	72	73	75	76	76	74	73	70	71	66	66	67	61	59	63	69	60	56	60	63	52	57	53	66	71	66.9
		DELTA-BRETON WL REF	MAX 87	98	95	79	84	86	86	95	85	84	85	86	85	82	81	85	86	83	81	66	74	79	83	73	73	72	72	62	68	76	82	80.1
		DONALDSONVILLE	MIN 62	75	70	67	69	69	69	73	73	73	76	74	73	68	69	69	68	67	61	56	57	63	71	56	56	53	55	56	60	68	65.8	
		GALLIANO	MAX 71	70	58	59	65	64	70	67	65	66	64	65	65	65	66	67	64	45	40	44	54	50	43	60	64	55	50	62	74	76	80	80.4
HOUMA		MIN 70	68	64	63	65	65	70	70	71	70	70	70	72	72	65	65	66	84	70	75	80	86	84	64	71	71	68	72	78	80	76	82.1	
LOUISIANA NATURE CTR		MAX 89	89	87	82	87	88	89	89	87	90	91	87	87	84	81	87	85	76	68	74	80	84	67	62	71	71	62	71	71	78	81	81	81.1
NEW ORLEANS WSCMO AP		MIN 69	68	62	62	68	64	68	69	68	71	70	70	74	68	67	65	66	46	41	43	59	65	50	50	61	45	43	47	53	62	60	60.7	
N O ADBON WSO CI		MAX 90	92	86	86	87	89	90	88	81	90	91	87	91	83	82	87	87	71	69	73	81	83	67	63	67	64	68	71	64	79	79	80.5	
PARADIS 7 S		MIN 70	65	64	60	64	65	66	69	71	71	73	74	70	63	68	64	63	53	46	53	59	56	54	62	51	59	52	44	47	51	69	70	80.7
SEE REFERENCE NOTES FOLLOWING STATION INDEX			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
		MIN 68	65	58	67	68	69	67	68	69	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	
			MIN 68	65	58	67	68	69	67	68	69	69	68	65	65	65	65	65	65	65	54	52	59	65	58	53	62	59	54	53	59	59	65.2	
			MAX 89	85	84	64	63	64	86	88	89	90	89	88	82	83	86	86	86	79	69	75	81	86	75	63	71	74	64	53	80	74	81.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES(°F)

LOUISIANA
OCTOBER 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PLAQUEMINES EXP STN	MAX	88	87	84	83	85	86	89	89	91	90	91	88	81	82	85	86	87	84	69	72	76	85	82	61	70	70	67	70	77	79	76	81.0
	MIN	71	69	67	63	65	66	71	70	72	71	72	71	72	64	66	64	66	68	57	53	61	67	58	53	57	65	54	59	52	57	64	63.9
RESERVE	MAX	88	92	88	89	88	89	91	89	78	88	89	89	83	80	83	86	86	86	80	69	74	78	84	72	66	73	70	63	72	79	75	81.2
	MIN	66	68	63	62	60	66	66	66	67	68	69	68	71	64	65	65	66	70	49	45	45	55	64	65	48	48	50	45	48	48	56	59.9
SAINT BERNARD	MAX	90	86	85	87	88	90	87	84	93	91	89	83	82	82	84	83	86	83	68	72	79	85	81	59	68	70	66	70	77	76	76	80.6
	MIN	69	68	63	56	60	64	68	68	72	73	68	71	72	65	67	63	62	66	53	45	51	60	55	48	53	62	48	47	47	51	50	60.2
THIBODAUX	MAX	90	88	87	88	89	91	89	88	90	91	88	86	83	83	86	85	82	86	77	74	81	86	84	62	72	72	64	73	78	82	74	82.2
	MIN	67	67	59	61	69	62	66	66	68	68	68	72	72	66	66	62	59	63	45	38	49	55	52	48	53	60	47	43	45	48	67	59.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

LOUISIANA
OCTOBER 1981

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CALHOUN EXP STATION	(IN)	4	MAX	87	87	85	83	82	86	81	80	67	68	72	74	73	76	78	74	77	78	71	71	71	71	73	66	65	62	61	67	67	70	71	74.0
	(IN)	4	MIN	78	78	77	72	73	78	73	65	65	65	66	68	69	71	71	72	72	68	61	60	59	60	63	56	56	58	57	56	56	57	58	65.7
CLINTON 5 SE	(IN)	4	MAX	89	89	82	79	82	86	88	85	79	82	81	80	77	75	76	78	81	82	79	73	74	77	76	71	63	63	64	64	67	70	71	76.9
	(IN)	4	MIN	77	76	69	67	72	72	75	75	71	72	73	72	72	69	69	69	72	73	63	62	60	63	67	59	58	59	59	56	56	57	60	66.9
CROWLEY EXP STATION	(IN)	4	MAX	94	88	84	88	83	89	92	86	75	83	87	87	85	85	83	89	87	87	73	76	78	81	85	66	68	70	65	73	75	79	82	81.4
	(IN)	4	MIN	75	74	65	65	71	74	74	70	69	68	72	72	72	72	72	71	71	72	56	55	55	62	66	55	55	61	57	55	54	57	61	65.4
HAMMOND 5 E	(IN)	4	MAX	94	94	95	89	90	92	92	91	82	83	86	88	82	81	81	87	85	87	73	77	77	80	81	69	73	67	73	68	75	78	79	82.2
	(IN)	4	MIN	75	74	68	68	69	71	71	73	71	71	72	74	69	67	67	69	69	70	56	54	59	64	62	57	60	66	57	50	52	56	67	65.4
HOUMA	(IN)	4	MAX	82	79	79	81	84	86	85	84	81	82	83	82	83	76	81	83	82	82	74	74	74	75	77	72	65	70	65	70	65	58	61	68.4
	(IN)	4	MIN	75	74	70	69	72	73	73	74	76	75	75	76	76	71	76	71	73	73	68	62	61	65	68	61	60	63	59	56	56	58	61	72.3
LSU DEAN LEE EXP STA	(IN)	4	MAX	92	89	85	85	86	88	87	80	72	76	82	83	81	82	84	91	91	87	80	75	76	76	80	70	66	67	66	67	70	71	72	79.3
	(IN)	4	MIN	82	80	73	71	75	78	79	72	70	70	74	73	75	77	77	76	77	79	67	65	63	67	70	60	59	62	60	59	59	60	62	70.0
RED RIV VALLEY EXP STA	(IN)	4	MAX	90	90	88	86	89	90	79	72	65	66	74	75	79	76	77	81	79	82	73	72	71	71	72	67	65	62	58	68	69	71	70	75.1
	(IN)	4	MIN	75	74	70	70	72	76	71	61	61	61	64	65	66	70	70	71	71	67	59	58	57	58	60	54	52	55	56	50	52	53	55	63.0
ROSEPIKE EXP STN	(IN)	4	MAX	95	86	90	90	90	95	89	89	71	81	83	83	86	83	78	86	88	88	75	75	74	77	78	64	63	66	61	70	72	74	75	79.8
	(IN)	4	MIN	74	73	68	67	72	76	74	66	66	65	68	68	69	71	71	71	70	71	56	54	54	58	61	52	51	55	48	48	50	53	55	63.1
SAINT JOSEPH EXP STA	(IN)	4	MAX	93	90	87	86	87	90	88	79	71	72	75	79	77	81	80	81	79	82	74	73	73	75	77	67	63	63	62	61	69	72	74	76.8
	(IN)	4	MIN	80	81	75	75	76	79	79	71	68	68	72	72	72	71	71	73	73	73	62	60	60	64	67	57	57	61	56	56	56	58	60	67.8
WINNSBORO	(IN)	4	MAX	90	89	88	84	84	86	83	71	64	66	75	78	73	73	77	78	79	82	72	69	69	70	72	65	62	60	60	67	64	67	69	73.7
	(IN)	4	MIN	76	78	70	69	71	76	71	64	62	62	66	69	70	70	69	71	70	72	59	59	54	60	62	52	52	57	56	54	53	56	59	64.0

STATION-NAME	SOIL-TYPE	SOIL COVER	SLOPE	UNITS
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%	F
CLINTON 5 SE	BUFF TERRACE	BARE	0.1% TO S	F
CROWLEY EXP STATION	COASTAL PRAIRIE	BARE	0%	F
HAMMOND 5 E	FINE SANDY LOAM	BARE	0%	F
HOUMA	MOON SILT CLAY LOAM	BARE	0%	F
LSU DEAN LEE EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
RED RIVER VALLEY EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
ROSEPIKE EXP STA	FINE SANDY LOAM	BARE	0%	F
SAINT JOSEPH EXP STA	SHARKEY CLAY	BARE	0%	F
WINNSBORO	BLUFF TERRACE	BARE	0%	F

EVAPORATION AND WIND

LOUISIANA
OCTOBER 1981

STATION		DAY OF MONTH																															TOTAL OR AVG	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST 01 RED RIV VALLEY EXP STN	EVAP	22	18	24	25	14	18	14	07	01	02	06	10	09	17	10	-	04	20	15	12	17	06	08	12	11	01	06	08	07	11	10	3.57B	
	WIND	20	16	31	57	37	32	22	51	26	20	14	33	82	131	52	53	26	66	22	15	34	32	48	30	49	51	35	13	16	28	50	1192	
NORTH CENTRAL 02 CALHOUN EXP STATION	EVAP	24	26	23	23	13	20	14	-	02	00	04	10	03	13	13	06	03	23	19	12	16	09	15	15	-	-	02	11	07	10	06	3.79B	
	WIND	12	26	21	17	37	17	24	29	5	3	16	8	17	54	24	6	7	57	45	14	12	8	48	46	14	28	20	17	7	7	11	657	
NORTHEAST 03 SAINT JOSEPH EXP STN	EVAP	20	19	31	21	22	21	18	03	08	04	07	12	08	20	07	22	07	19	19	16	15	09	14	17	12	02	01	09	07	12	11	4.13	
	WIND	15	27	68	25	48	29	56	11	22	15	39	30	26	58	47	24	19	83	61	33	24	16	68	22	38	52	58	30	17	18	34	1313	
EAST CENTRAL 06 LSU BEN-HUR EXP STN	EVAP	25	25	19	29	22	23	07	24	17	09	20	17	20	01	06	-	-	21	25	22	14	18	15	-	10	06	15	07	14	14	05	4.98B	
	WIND	33	37	57	23	35	24	35	25	27	27	45	37	58	78	47	23	45	33	90	36	20	27	59	40	34	49	98	19	14	13	92	1380	
SOUTHEAST 09 HOUMA	MAX	93	98	92	88	94	96	97	95	78	90	95	95	83	92	94	92	90	70	74	77	84	86	60	67	72	69	79	83	83	84	9	59.8	
	MIN	67	72	55	54	66	70	70	64	63	66	69	68	70	65	65	68	68	69	49	47	47	56	55	46	45	57	51	49	52	56	54		
	EVAP	-	-	26	20	13	18	12	16	08	15	17	14	14	14	18	12	24	16	06	15	12	15	14	11	09	00	13	08	09	11	12	4.19B	
	WIND	40	19	29	47	25	16	20	5	18	37	24	16	48	71	43	25	19	17	28	23	22	27	17	68	55	4	75	18	16	16	57	945	

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES
WIND: IS MEASURED IN MILES
MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX
16

STATION INDEX

LOUISIANA
OCTOBER 1981

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER	
							LOCAL STD TIME		PRECIP	EVAP		SPECIAL
							TEMP					
ABBEVILLE	000770	707	VERMILION	29 58	92 08	100	8A				CITY OF ABBEVILLE	
ABBEVILLE	000771	707	VERMILION	29 58	92 08	130	1P				STATE DIV OF FORESTRY	
ABBEVILLE	000772	707	VERMILION	30 01	92 03	180	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000773	707	VERMILION	30 01	92 03	180	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000774	707	VERMILION	30 01	92 03	225	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000775	707	VERMILION	30 01	92 03	225	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000776	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000777	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000778	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000779	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000780	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000781	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000782	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000783	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000784	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000785	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000786	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000787	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000788	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000789	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000790	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000791	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000792	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000793	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000794	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000795	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000796	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000797	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000798	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
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ABBEVILLE	000803	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000804	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000805	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000806	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000807	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000808	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000809	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
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ABBEVILLE	000885	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000886	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000887	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000888	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
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ABBEVILLE	000890	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000891	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000892	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000893	707	VERMILION	30 01	92 03	140	8A				STATE DIV OF FORESTRY	
ABBEVILLE	000894	707	VERMILION	30 01	92 03							

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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LOUISIANA
OCTOBER 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
OCTOBER 1981

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES					OBSERVER
							LOCAL STD TIME					
							TEMP	PRECIP	EVAP	SPECIAL		
							(SEE NOTES)					
NEW STATIONS COUSHATTA 5 S PORT VINCENT	214501	RED RIVER	31 58	93 20	120							RADIO STATION KRRP VAN SLAUGHTER
	748506	LIVINGSTON	30 22	90 52	15							

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

RESULTANT WIND: The vector sum of wind velocity (direction and speed) divided by the number of observations. In "Supplemental Data" tables, resultant directions are in tens of degrees.

WIND: IAs shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- ++ Highest observed one minute wind speed. The station is not equipped with an instrument to measure fastest mile.
- * Gage not read. The precipitation included in the amount following the asterisks. Time distribution not known.
- // Gage equipped with a windshield.
- ~ Extreme occurred at a station with incomplete data. It may have been exceeded at that station.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading.
- B Adjusted monthly value of evaporation. Total evaporation amount is divided by number of recorded days, multiplied by number of days in the month.
- D Water equivalent of snowfall entirely or partially estimated, using a ratio of 1 inch water to every 10 inches of new snowfall.
- M Missing data. It appears with the average temperature in the "Monthly Summarized Station and Divisional Data" table if less than 10 days data are missing and it appears alone if 10 or more days are missing. R Amounts from recording gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Monthly Snowfall and Snow on Ground" table.
- J Observations appear in "Supplemental Data" table.
- MID Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months.
- WI Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Late Reports and Corrections will be published annually as a supplemental bulletin.

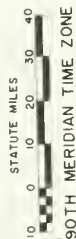
Interpolated values for monthly precipitation totals may be found in the annual issue of this bulletin.

Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

Information concerning the history of changes in locations, exposure, etc of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

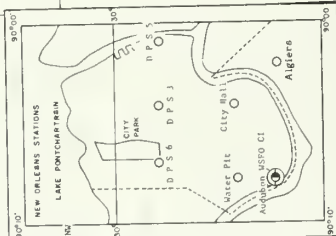
SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE THRU:
THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE N.C. 28801
ATTN: PUBLICATIONS

LOUISIANA



STATION LEGEND

○	●	①	②
Precipitation only	Precipitation, storage	Precipitation and Temperature	Precipitation, Temperature and Evaporation
○	●	①	②
Type of gage	Non-recording,	Recording	Self-recording
○	●	①	②
Double circle combinations indicate the availability of more than one meteorological data			



ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^{\circ}$ AND $45\frac{1}{2}^{\circ}$

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA AND INFORMATION SERVICE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210
THIRD CLASS
BULK RATE



CLIMATOLOGICAL DATA

LOUISIANA

NOVEMBER 1981

VOLUME 86 NUMBER 11



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF
THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
AND IS COMPILED FROM INFORMATION RECEIVED AT THE
NATIONAL CLIMATIC CENTER, ASHEVILLE NORTH CAROLINA"
28801

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
NOVEMBER 1981

HIGHEST TEMPERATURE:
LOWEST TEMPERATURE:
GREATEST TOTAL PRECIPITATION:
LEAST TOTAL PRECIPITATION:
GREATEST 1 DAY PRECIPITATION:

FRANKLINTON 3 SW
MANY OUSAS
NEW ORLEANS WATER PLT
BOGALUSA

89
21
5:37
:34
2:56

DATE 19
DATE 21
DATE 05

SUPPLEMENTAL DATA

STATION	WIND DATA (SPEED IN MPH)						RELATIVE HUMIDITY AVERAGE (%)				NUMBER OF DAYS WITH PRECIPITATION (INCHES)						PERCENTAGE OF POSSIBLE SUNSHINE		AVERAGE SKY COVER (TENTHS)		SUNRISE-SUNSET	
	DIRECTION	RESULTANT	SPEED	AVERAGE SPEED	FASTEST MILE			TIME ZONE CENTRAL				TRACE	.01-.09	10-.49	.50-.99	1.00-1.99	OVER 1.99	TOTAL	55	55	55	55
					SPEED	DIRECTION	DATE	00	06	12	18											
BATON ROUGE WSO AP	8	0.9	6.8	21++	18	30+	87	90	55	66	0	5	3	1	0	0	0	9	55	55	55	55
LAKE CHARLES WSO AP	10	1.2	8.1	25++	20	30	90	92	64	78	0	1	3	1	0	0	0	7	55	55	55	55
NEW ORLEANS WSCMO AP	22	1.6	7.3	22++	18	30+	88	92	61	78	0	2	3	1	0	0	0	9	55	55	55	55
SHREVEPORT WSO AP	22	0.8	6.7	23++	18	30+	89	91	62	73	0	0	3	1	0	0	0	6	55	55	55	55

SEE REFERENCE NOTES FOLLOWING STATION INDEX

NOTICE TO SUBSCRIBERS OF THE CLIMATOLOGICAL DATA BULLETIN

Dear Subscriber:

The November 1981 Climatological Data bulletins have erroneous average minimum temperatures in the Daily Temperatures Table. These errors occur only if there has been a daily minimum temperature below zero degrees Fahrenheit. This processing error affected only the averages in the Daily Temperatures Table. The correct average minimum daily temperature can be obtained from the Monthly Summarized Station and Divisional Data Table in the same bulletin.

We recommend that you attach this notice to your November bulletin.

The National Climatic Center

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
NOVEMBER 1981

STATION		TEMPERATURE (°F)										PRECIPITATION (IN)																				
		AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90 OR ABOVE	32 OR BELOW	MAX	MIN	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	SNOW	SLEET	NO OF DAYS	1.00 OR MORE	.50 OR MORE	.10 OR MORE	DATE				
01 NORTHWEST COTTON VALLEY LOGANSPORT 4 ENE MINDEN PLAIN DEALING RED RIV VALLEY EXP STN SHREVEPORT WSO AP DIVISION	68.6	41.7	55.2	55.2	7819+	2522+	294	294	294	6	0	0	0	0	0	0	0	1.53	2.02	1.0029	0	0	0	0	0	0	0	0	0	0		
	71.8	43.6	57.7	57.7	8215	2421	227	227	227	13	0	0	0	0	0	0	0	1.77	2.88	.821	0	0	0	0	0	0	0	0	0	0		
	70.7	43.3	57.0	57.0	8119+	2522+	243	243	243	5	0	0	0	0	0	0	0	3.05	1.80	.7030	0	0	0	0	0	0	0	0	0	0		
	69.8	40.8	55.3	55.3	816	2522	290	290	290	10	0	0	0	0	0	0	0	1.34	2.89	.8930	0	0	0	0	0	0	0	0	0	0		
	71.0	43.7	57.4	57.4	826	2721	231	231	231	6	0	0	0	0	0	0	0	1.49	2.08	.7729	0	0	0	0	0	0	0	0	0	0		
	70.4	43.1	56.8	56.8	8118+	2721	246	246	246	6	0	0	0	0	0	0	0	1.71	2.21		0	0	0	0	0	0	0	0	0	0		
			56.6	56.6	1.4																											
02 NORTH CENTRAL BIENVILLE 3 NE CALHOUN EXP STATION HOMER EXP STATION MONROE FAA AP MONROE NLU RUSTON-LA TECH UNIV WINNFIELD 2 W DIVISION	70.9	43.7	57.3	57.3	8026+	2521	228	228	228	7	0	0	0	0	0	0	0	1.74	2.62	.5029	0	0	0	0	0	0	0	0	0	0		
	69.9	43.8	56.9	56.9	806	2522	245	245	245	8	0	0	0	0	0	0	0	1.55	2.62	.7030	0	0	0	0	0	0	0	0	0	0	0	
	69.7	42.4	56.1	56.1	806	2421	264	264	264	13	0	0	0	0	0	0	0	1.65	1.91	.7030	0	0	0	0	0	0	0	0	0	0	0	
	70.8	45.9	58.4	58.4	807	2621	204	204	204	13	0	0	0	0	0	0	0	2.33	1.91	.8129	0	0	0	0	0	0	0	0	0	0	0	
	69.2	44.1	56.7	56.7	807	2521	204	204	204	7	0	0	0	0	0	0	0	2.44	1.94	.852	0	0	0	0	0	0	0	0	0	0	0	
	70.3	45.9	58.1	58.1	806	2721	205	205	205	12	0	0	0	0	0	0	0	2.15	2.66	.8030	0	0	0	0	0	0	0	0	0	0	0	
	71.3	44.2	57.8	57.8	8126	2221	221	221	221	12	0	0	0	0	0	0	0	1.75	2.66	.5430	0	0	0	0	0	0	0	0	0	0	0	
		57.3	57.3	1.8																												
03 NORTHEAST BASTROP EPPS 6 WNW LAKE PROVIDENCE SAINT JOSEPH EXP STN TALLULAH WINNIBORO DIVISION	70.8	43.5	57.2	57.2	8026+	2821	230	230	230	1	0	0	0	0	0	0	0	2.57	2.03	.9129	0	0	0	0	0	0	0	0	0	0	0	
	69.9	44.7	57.3	57.3	8227	2521	242	242	242	9	0	0	0	0	0	0	0	1.84	2.03	.752	0	0	0	0	0	0	0	0	0	0	0	
	70.0	43.7	56.9	56.9	8227	2521	242	242	242	9	0	0	0	0	0	0	0	2.75	1.84	.7030	0	0	0	0	0	0	0	0	0	0	0	0
	70.4	45.9	58.2	58.2	8227	2721	213	213	213	14	0	0	0	0	0	0	0	2.08	2.04	.7827	0	0	0	0	0	0	0	0	0	0	0	0
	70.5	44.1	57.3	57.3	8227	2521	234	234	234	18	0	0	0	0	0	0	0	1.37	2.87	.4030	0	0	0	0	0	0	0	0	0	0	0	0
	71.1	44.2	57.7	57.7	8227	2521	224	224	224	10	0	0	0	0	0	0	0	1.57	3.00	.652	0	0	0	0	0	0	0	0	0	0	0	0
			57.4	57.4	1.5																											
04 WEST CENTRAL ASHLAND CONVERSE LEESVILLE MANY NATCHITOCHES ROSEPINE EXP STATION DIVISION	69.6	43.5	56.6	56.6	7927	2221	254	254	254	8	0	0	0	0	0	0	0	1.19	1.89	.48	0	0	0	0	0	0	0	0	0	0	0	
	72.1	41.4	56.8	56.8	8219+	2321	252	252	252	11	0	0	0	0	0	0	0	1.07	1.89	.509	0	0	0	0	0	0	0	0	0	0	0	0
	73.3	47.3	60.3	60.3	8219+	2721	158	158	158	24	0	0	0	0	0	0	0	2.71	2.55	1.1530	0	0	0	0	0	0	0	0	0	0	0	0
	72.0	40.7	56.4	56.4	8119+	2121	260	260	260	8	0	0	0	0	0	0	0	1.51	2.55	.569	0	0	0	0	0	0	0	0	0	0	0	0
	71.3	46.0	58.7	58.7	816	2921	197	197	197	14	0	0	0	0	0	0	0	1.33	2.55	.439	0	0	0	0	0	0	0	0	0	0	0	0
	73.1	47.3	60.2	60.2	8124+	2721	162	162	162	26	0	0	0	0	0	0	0	2.47	2.47	.47	0	0	0	0	0	0	0	0	0	0	0	0
			58.2	58.2	1.2																											
05 CENTRAL ALEXANDRIA BELAH FIRE TOWER BOYCE 3 WNW BRUNKIE GRAND COTEAU JONESVILLE LOCKS LSU DEAN LEE EXP STN MAMOU 4 S MELVILLE NEW ROADS 5 ESE OLD RIVER LOCK OLLA 3 SSW WOODWORTH 2 SE DIVISION	72.3	47.9	60.1	60.1	8127+	2921	161	161	161	20	0	0	0	0	0	0	0	3.16	1.89	.08	0	0	0	0	0	0	0	0	0	0	0	
	71.6	48.1	59.2	59.2	816	2921	169	169	169	20	0	0	0	0	0	0	0	3.61	1.89	.15	0	0	0	0	0	0	0	0	0	0	0	0
	69.3	49.1	59.2	59.2	784	3321	182	182	182	13	0	0	0	0	0	0	0	3.13	1.02	.115	0	0	0	0	0	0	0	0	0	0	0	0
	72.1	48.7	60.4	60.4	8220	3121	157	157	157	26	0	0	0	0	0	0	0	4.98	1.12	.12	0	0	0	0	0	0	0	0	0	0	0	0
	74.0	52.2	63.1	63.1	8226+	3221	110	110	110	61	0	0	0	0	0	0	0	3.47	1.12	.12	0	0	0	0	0	0	0	0	0	0	0	0
	71.0	47.4	59.2	59.2	8327	3021	183	183	183	14	0	0	0	0	0	0	0	3.99	1.12	.0527	0	0	0	0	0	0	0	0	0	0	0	0
	71.6	46.4	59.1	59.1	8227	2821	188	188	188	19	0	0	0	0	0	0	0	3.02	1.12	.22	0	0	0	0	0	0	0	0	0	0	0	0
		60.2	60.2	1.9																												
		60.8	60.8	1.9																												
		61.4	61.4	1.9																												
		61.4	61.4	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												
		60.2	60.2	1.9																												

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
NOVEMBER 1981

STATION	TEMPERATURE (°F)					PRECIPITATION (IN)														
	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	SHEET NO. OF DAYS
												90 OR ABOVE	32 OR BELOW	32 OR BELOW						
06 EAST CENTRAL	76.1	48.7	62.4	4.5	89.9	3921	127	57	0	0	0	0	0	0	0	0	0	0	0	0
	74.6	49.8	62.2	3.5	85.9	3021	132	56	0	0	0	0	0	0	0	0	0	0	0	0
	74.9	47.1	61.0	4.2	88.3	2921	136	47	0	0	0	0	0	0	0	0	0	0	0	0
	75.0	48.5	61.8	4.5	88.3	2921	136	47	0	0	0	0	0	0	0	0	0	0	0	0
	75.3	48.7	62.0	3.1	88.3	2822	136	53	0	0	0	0	0	0	0	0	0	0	0	0
	75.1	47.4	61.3	3.1	89.9	2821	153	50	0	0	0	0	0	0	0	0	0	0	0	0
	76.1	47.2	61.7	3.1	88.3	2821	137	44	0	0	0	0	0	0	0	0	0	0	0	0
	76.1	47.2	61.7	3.1	88.3	2821	137	44	0	0	0	0	0	0	0	0	0	0	0	0
	72.5	47.4	60.0	3.1	88.3	2621	124	65	0	0	0	0	0	0	0	0	0	0	0	0
	75.4	49.5	62.5	3.5	88.3	2922	129	60	0	0	0	0	0	0	0	0	0	0	0	0
07 SOUTHWEST	73.4	51.9	62.7	2.6	88.3	3422	104	54	0	0	0	0	0	0	0	0	0	0	0	0
	73.8	47.9	60.9	2.8	88.3	3221	113	46	0	0	0	0	0	0	0	0	0	0	0	0
	73.3	47.9	60.9	2.8	88.3	3221	146	30	0	0	0	0	0	0	0	0	0	0	0	0
	74.3	46.7	60.5	2.8	88.3	2921	140	26	0	0	0	0	0	0	0	0	0	0	0	0
	72.6	53.6	63.1	2.8	88.3	3221	93	43	0	0	0	0	0	0	0	0	0	0	0	0
	73.6	51.6	62.6	2.7	88.3	3522	113	49	0	0	0	0	0	0	0	0	0	0	0	0
	72.8	50.9	62.9	2.7	88.3	3522	118	36	0	0	0	0	0	0	0	0	0	0	0	0
	73.9	50.3	63.2	2.7	88.3	3021	120	43	0	0	0	0	0	0	0	0	0	0	0	0
	75.4	55.0	63.1	2.6	88.3	3621	104	87	0	0	0	0	0	0	0	0	0	0	0	0
	74.3	51.9	63.1	2.6	88.3	3422	104	54	0	0	0	0	0	0	0	0	0	0	0	0
08 SOUTH CENTRAL	74.0	49.7	61.9	1.8	88.3	3122	123	36	0	0	0	0	0	0	0	0	0	0	0	0
	75.1	52.5	62.4	3.0	88.3	3421	198	71	0	0	0	0	0	0	0	0	0	0	0	0
	74.3	50.7	61.9	2.6	88.3	3321	129	50	0	0	0	0	0	0	0	0	0	0	0	0
	73.1	50.7	61.9	2.6	88.3	3121	129	80	0	0	0	0	0	0	0	0	0	0	0	0
	75.2	54.7	65.0	3.6	88.3	3921	175	80	0	0	0	0	0	0	0	0	0	0	0	0
	74.2	51.9	63.1	2.9	88.3	3221	103	50	0	0	0	0	0	0	0	0	0	0	0	0
	74.2	51.9	63.0	2.9	88.3	3221	103	50	0	0	0	0	0	0	0	0	0	0	0	0
	74.2	51.9	63.0	2.9	88.3	3221	103	50	0	0	0	0	0	0	0	0	0	0	0	0
	74.2	51.9	63.0	2.9	88.3	3221	103	50	0	0	0	0	0	0	0	0	0	0	0	0
	74.2	51.9	63.0	2.9	88.3	3221	103	50	0	0	0	0	0	0	0	0	0	0	0	0
09 SOUTHEAST	73.2	58.0	66.0	2.8	88.3	4322	63	101	0	0	0	0	0	0	0	0	0	0	0	0
	72.2	58.0	65.7	2.8	88.3	4622	55	83	0	0	0	0	0	0	0	0	0	0	0	0
	74.2	59.2	65.5	2.8	88.3	3521	107	69	0	0	0	0	0	0	0	0	0	0	0	0
	76.4	57.7	67.1	3.1	88.3	3921	55	127	0	0	0	0	0	0	0	0	0	0	0	0
	75.8	57.3	67.1	3.1	88.3	3421	58	83	0	0	0	0	0	0	0	0	0	0	0	0
	75.8	57.3	67.1	3.1	88.3	3421	58	83	0	0	0	0	0	0	0	0	0	0	0	0
	75.8	57.3	67.1	3.1	88.3	3421	58	83	0	0	0	0	0	0	0	0	0	0	0	0
	75.8	57.3	67.1	3.1	88.3	3421	58	83	0	0	0	0	0	0	0	0	0	0	0	0
	75.8	57.3	67.1	3.1	88.3	3421	58	83	0	0	0	0	0	0	0	0	0	0	0	0
	75.8	57.3	67.1	3.1	88.3	3421	58	83	0	0	0	0	0	0	0	0	0	0	0	0

NOVEMBER 1981

STATION

DAY OF MONTH

TOTAL

SEE REFERENCE NOTES FOLLOWING STATION INDEX 5

NOVEMBER 1981
LOUISIANA

SEE REFERENCE NOTES FOLLOWING STATION INDEX 6

DAILY PRECIPITATION (INCHES)

LOUISIANA
NOVEMBER 1981

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOYCE 3 WNW	3.13	.64	.03	.84	.12				.51	.98						
BUNNIE	3.71	1.32	.47	.47						1.33						
GRANDEVILLE	3.26	1.24	1.08	1.20						1.02						
JONESVILLE	3.99	.47	1.05	1.20	.30	T				1.26						
LSU DEAN 4 S	3.02	.73	1.29	1.17						.88						
MARKSVILLE	3.36		1.92	1.10						1.21						
MELVILLE	2.96		1.18	1.17	.13					.83						
NEW RIVERS	1.49	.03	.89	.56	.11					1.10						
OLD RIVERS LOCK	2.34		.09	.43	.03					.80						
OLLEA 3 SSW	2.15		.72	.43						.50						
OPELOUSE	1.37		1.32	.14						.27						
PORT ALLEN	1.36		1.12	1.74	.31					.98						
SIMMESPORT	1.92		1.16	.77						.57						
VIDALIA 2	1.71	.26	1.06	.77						.13						
WOODWORTH 2 SE	2.26		1.03	.06						.17						
EAST CENTRAL F TWR	06															
ABITA	86				.18	T				.17						
AMITE	.48			.07	T					.22						
BAKER	1.10			.01	.02					.90						
BATON ROUGE CENTRAL	1.51			.02						.50						
BATON ROUGE WSO AP	1.55	.11	.06						.62	.81						
BATON ROUGE WOODLAWN	3.65	.01		T	.02	.56				.14						
BOGALUSA	2.41									.02						
CLINTON 5 SE	2.95			.02						.04						
CLINTON 4 NNW	2.41			T	.58	.45				.20						
DENHAM SPRINGS	1.08				.10					.16						
FRANKLIN 3 SW	1.84				.40					.15						
GREENWELL	1.76									.07						
HAMMOND 5 E	1.81			.01		.04				.54						
HAMMOND 3 NW	1.45									.16						
KENTWOOD	2.52									.05						
LIVERPOOL 3 ENE	2.71				.05					.16						
LIVINGSTON 3 ENE	2.27				.06					.05						
LSU BEN-HUR EXP STN	1.33			.02	.01					.06						
OAKNOLIA	2.58			.02						.07						
PEARL RIVER LOCK 1	.60					.23				.30						
PINE GROVE FIRE TOWER	1.45									.06						
PORT VINCENT	2.77			.06						.46						
SAINT IDAN FIRE TOWER	1.45	T	.70		T	.20				.17						
SHREVEPORT FIRE TOWER	2.79									.45						
SLIDELL WSO FIRE TOWER	1.06	T			T	1.05				.17						
SPRINGVILLE	1.50									.45						
WATSON 3 ESE	1.72			.04	T					.16						
ZACHARY 2 ESE	1.07									.05						
SOUTHMEST	77	02	1.05	1.40	.02					.03						
ABBEVILLE	3.07		1.75	1.22	.12					.33						
ACADIANA STATION	3.80		.28							.27						
DEQUINCY 4 N	3.33	.20	.20							.57						
DEQUINCY 8 SSW	3.22	.01	.96	.01						.29						
HACKBERRY	2.51	T	1.11	.03	.02					.09						
JENNINGS	2.55	.10	1.46	.03						.20						
KINDER CHARLES	2.65	.13	.21							.05						
LAKE CHARLES WSO AP	1.50								97	.17						
LONGVILLE	2.77		1.38	.22						.14						
MERTTIE 2 SE	2.98	.10	.91							.13						
MITCHELL	3.84	.43	1.39							.11						
OAKDALE	3.84									.31						
OBERLIN FIRE TOWER	4.3									.11						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
NOVEMBER 1981

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BOYCE 3 NNW								.05	.45			1.17		.44	.29	
BUNKIE									.02					.01	.15	
COTEAU LOCKS									.04		.50	.04		.01	.68	
GRANDEVILLE									.03		T	1.28		.01	.30	
LEES EXP STN									.45					.15	.15	
MARKSVILLE									.81			T			.23	
MELVILLE					.12				.33			.22			.05	
NEW ROAD 5 ESE									.23				.05		T	
OLD RIVER LOCK									.08			.02			.53	
OLLA 3 SSW					.26				.12			.23			.52	
PELOUSAS					.10				.10			.07			.12	
PORT ALLEN									T			.95			.45	
SIMMESPORT									.24			.07			.15	
VIDALIA 2												.07			.09	
WOODWORTH 2 SE																
06																
EAST CENTRAL F TWR									.49	.03					.07	
ABITA					.02				.16						.02	
BAKITER					.18				.21						.03	
BATON CENTRAL					.11				.43						.45	
WISO AP					.40				.14					.03	.05	
BATON ROUGE WOODLAWN				.04					.08				.01		.10	
BOGALUSA					.14				.11			.47	.01		.24	
CLINTON 5 SE					.01				.26						.15	
CLINTON 4 NNW					.01				.10						.57	
COVINGTON SPRINGS					.25				.40		.46	.08			.43	
FRANKLINTON 2 SW					.01				.10		.10			.60	.01	
GREENWELL SPRINGS				.14					.19		T	.28			.22	
HAMMOND 5 NW					.23			.14	.16				.02		.06	
HAMMOND 3 NW					.45				.01						.16	
KENTWOOD 3 ENE					.23				.25						.05	
LIVERPOOL					.20				.05				T		.07	
LIVINGSTON					.24				.08						.11	
LSU BEN-HUR EXP STN					T				.06						.02	
OAKNOLIA					.08				.21						.07	
PEARL RIVER LOCK 1					.10				.38						.04	
PINE GROVE FIRE TOWER					.06				.15						.01	
PORT VINCENT					.01				.10		T	.06			.30	
SAINTEVINCISVILLE					.09				.53			.07			.05	
SHERIDAN WSPF					.40				.04						T	
SLIDELL FIRE TOWER					.11				.11						.02	
SPRINGVILLE FIRE TOWER					T											
WATSON 3 ENE																
ZACHARY 2 ESE																
07																
SOUTHWEST									.03		T				T	
ABBREVILLE EXP STATION	T				.45							.60		.20	.40	
CROWLEY 4 N			.01		T				.16			.44			.33	
DE GRADY													.01			
DE GRADY 8 SSW					.02				T			.07			T	
HACKBERRY															.90	
JENNINGS											.21	T			.88	
LAKE CHARLES 2 N AP												.01			.40	
LAKE CHARLES WSO AP												.12			.12	
LONGVILLE					.12				.02			.27		.30	.20	
MENTA 2 SE					.20						T	.12		.93	.13	
MITTIE																
OAKDALE				.03												
OBERLIN FIRE TOWER																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
NOVEMBER 1981

STATION	DAY OF MONTH														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ROCKEFELLER WL REFUGE	3.01	.70		.06					1.28						
SUGARTOWN	4.72	.18							1.45						
SULPHUR	2.66	.13	.01						1.16						
VERMILION LOCK	4.00	1.20	1.00	T					1.57						
08															
SOUTH CENTRAL LOCK	1.25	.80	.42	.04					1.05						
BAYOU SORRELL	2.25	.02	T						.83						
BUTTE LA ROSE	1.30	.01	.19						.97						
CARVILLE 2 SW	1.42	.04	.55	.06					.60						
FRANKLIN 3 NW	2.46	.45	.58	.03				.87	1.25						
JEANERETTE EXP STN	2.89	.16	.03	.04					T						
LAFAYETTE FAA AP	1.29	.74	.04	.02					.88						
MORGAN CITY	3.01	.65	.43	.06					1.60						
NEW IBERIA 5 NW	1.75		.05						1.10						
PLAQUEMINE 2 N															
09															
SOUTH EAST	T	.02	.01	.49	T				.94	.05	.43				
BOOTHVILLE WSCMO CI	1.86								.75						
DELTA-BRETTON WL REF	1.21			.06					1.25						
DONALDSONVILLE	1.05								.83						
GOLDEN MEADOW	1.43			.32					1.16						
GONZALES	1.60				.05				.08						
HOUMA	1.39								.63						
LOUISIANA NATURE CTR	1.59								.44						
NEW ORLEANS WSCMO AP	1.10		.05	.20					.29						
NEW O ADON WSFO CI	1.79		.04	.11	.04				.27						
NEW ORLEANS ALGIERS	.65			.08	.64				.27						
NEW ORLEANS D P S 14	1.01								.31						
NEW ORLEANS WATER PLT	.34		.02	.05					.30						
NEW ORLEANS CITY HALL	.58								.25						
NEW ORLEANS D P S 3	.80			.20					.41						
NEW ORLEANS D P S 6	.69		.18	.07					.68						
NEW ORLEANS D P S 7	.92	.01							.27						
NEW ADIS 7 S	1.11			.09											
PLAQUEMINE EXP STN	1.15			.12											
PLAQUEMINE	1.38			.55											
RESERVE	1.15			.07											
SAINT BERNARD	1.91														
THIBODAUX 4 ESE															

DAILY PRECIPITATION (CONT)

LOUISIANA
NOVEMBER 1981

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
ROCKEFELLER WL REFUGE					.09						
SUGARTOWN	T				.13						
SULPHUR	T										
VERMILION LOCK											
SOUTH CENTRAL					.15						
BAYOU SORRELE					T						
BUTTE LA 2 SW											
CARVILLE 3 NW					.13						
FRANKLIN 3 EXP STN					.35						
JAFAYETTE FAA AP					.27						
LAFAYETTE CITY					.02						
MORGAN CITY 5 NW											
NEW IBERIA 2 N											
PLAQUEMINE 2 N											
SOUTH EAST					.23						
BOOTHVILLE WSCMO CI					.64						
DELTA-BRETTON HL REF					.18						
DONALDSONVILLE					.45						
GOLDEN MEADOW					.28						
GONZALES					.03						
HOUMA IANA NATURE CTR					.02						
LOUISIANA WSCMO AP					.04						
NEW ORLEANS WSCMO CI					.02						
NEW ORLEANS ALGERS					.09						
NEW ORLEANS WATER PLT					.03						
NEW ORLEANS CITY HALL					.10						
NEW ORLEANS D P S 3					.18						
NEW ORLEANS D P S 6					.39						
NEW ORLEANS D P S 7					.55						
NEW ORLEANS D P S 8					.06						
PARADE IS 7											
PLAQUEMINE EXP STN											
RESERVOIR											
SAIBODAU 4 ESE											
THIBODAU 4 ESE											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
NOVEMBER 1981

STATION		DAY OF MONTH																																AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
01 NORTHWEST	COTTON VALLEY	70	58	60	69	70	73	78	70	71	71	68	64	66	65	68	70	70	74	76	78	72	51	57	69	68	70	76	77	61	64	62	68.4	
	LOGANSPOUT 4 ENE	72	72	72	75	77	82	74	73	72	64	64	67	65	69	72	74	78	75	81	76	60	60	71	78	72	81	80	71	63	61	74	71.8	
	MINDEN	71	59	44	47	43	43	49	35	38	46	43	33	33	33	32	40	47	41	51	60	33	24	31	55	40	42	61	47	50	52	50	43.6	
	PLAIN DEALING	58	49	50	48	45	47	36	38	41	47	38	38	38	35	37	47	42	47	61	33	25	28	35	40	44	55	49	47	49	51	43.3		
	RED RIV VALLEY EXP STN	71	66	70	72	75	81	73	72	71	68	65	67	66	70	72	69	76	79	78	71	54	59	70	68	71	75	77	62	64	62	69.8		
	SHREVEPORT WSO AP	68	56	52	49	48	42	47	39	40	41	46	39	38	38	37	38	46	43	44	63	36	27	31	38	40	41	56	47	49	52	43.7		
02 NORTH CENTRAL	BIENVILLE 3 NE	70	68	70	72	76	80	72	73	75	69	65	67	66	68	73	73	76	79	79	78	53	50	70	76	72	77	80	67	62	56	74	70.9	
	CALHOUN EXP STATION	54	54	50	49	52	47	43	35	40	46	42	36	36	36	37	36	42	49	42	49	46	30	25	32	51	42	38	63	50	48	50	43.1	
	HOMER EXP STATION	70	60	71	72	76	80	71	73	73	69	65	69	67	69	72	71	78	79	78	73	52	57	70	70	72	73	79	62	60	60	69.7		
	MONROE FAA AP	59	51	48	48	48	50	31	38	43	44	39	38	38	38	38	52	42	42	59	32	24	29	33	41	41	45	47	44	45	46	42.4		
	MONROE NLU	70	64	68	78	83	74	74	74	74	68	71	68	71	75	75	78	76	74	76	52	55	64	75	71	73	79	71	61	55	76	70.8		
	MONROE NLU	58	57	56	54	55	48	43	41	52	47	42	40	43	41	46	53	47	47	47	47	30	26	28	43	40	34	46	48	50	51	45.9		
03 NORTHEAST	RUSTON-LA TECH UNIV	75	66	59	64	76	79	69	72	72	65	66	66	66	70	72	72	74	77	74	76	53	56	68	74	71	75	80	59	63	60	69.2		
	WINNFIELD 2 W	72	57	53	51	51	50	53	38	40	48	49	41	40	41	36	40	53	43	49	61	34	27	32	50	45	41	52	47	52	50	45.9		
	WINNFIELD 2 W	71	66	71	78	80	75	72	73	70	67	68	65	69	72	73	76	77	76	76	58	58	67	76	71	76	81	75	64	61	78	71.3		
	WINNFIELD 2 W	53	56	55	52	47	49	33	34	46	50	35	35	35	34	40	50	40	49	57	35	22	27	47	40	35	68	52	48	51	51	44.2		
	BASTROP	74	59	63	76	80	73	73	70	74	66	68	69	74	71	75	75	76	77	78	65	56	68	74	73	74	80	66	62	64	71	70.8		
	EPPS 6 WNW	75	69	60	65	76	78	68	72	74	72	64	66	67	70	72	72	73	78	75	77	53	55	67	75	70	76	82	67	67	62	69.9		
04 WEST CENTRAL	LAKE PROVIDENCE	64	50	54	52	51	54	44	41	49	43	37	36	38	39	44	52	41	49	56	36	25	30	39	38	38	48	51	48	43	50	44.7		
	SAINT JOSEPH EXP STN	79	72	60	70	76	79	69	72	73	73	64	67	67	70	71	72	73	76	77	78	52	56	65	73	69	74	82	64	65	62	70.0		
	TALLULAH	54	54	54	54	52	53	36	38	48	48	39	39	41	38	42	42	44	46	54	37	24	28	36	42	40	44	48	44	43	50	47.0		
	WINNSBORO	78	71	61	70	75	77	71	71	74	71	62	66	66	71	73	73	74	77	78	79	58	58	66	76	70	76	82	60	63	65	70.4		
	TALLULAH	64	54	56	55	57	52	37	38	54	51	38	32	40	35	45	50	42	49	58	35	27	29	32	43	41	52	55	49	52	54	45.9		
	WINNSBORO	77	70	60	70	76	80	70	72	75	74	64	66	68	72	73	73	73	78	76	77	53	57	66	76	70	75	82	66	65	61	70.5		
ASHLAND	63	52	54	56	51	52	37	39	48	49	38	35	40	39	41	44	41	45	53	35	25	29	36	45	38	45	52	44	45	51	44.1			
CONVERSE	76	71	60	67	71	80	73	72	74	73	65	69	70	72	74	71	77	80	75	77	57	57	67	76	74	76	82	62	65	64	71.1			
LEESVILLE	63	54	54	54	51	52	36	38	45	50	35	34	34	37	44	53	42	42	57	35	25	26	35	44	39	50	53	44	48	51	44.2			
WATCHITOCHE	72	61	65	71	75	78	72	71	71	69	65	67	65	68	70	73	76	76	78	77	51	57	68	75	70	77	79	68	63	61	69.6			
CONVERSE	60	53	51	50	45	47	33	36	43	46	33	35	34	42	45	47	40	46	63	35	22	29	36	42	39	54	49	51	51	48	43			
LEESVILLE	73	60	75	76	79	82	75	74	75	68	65	70	68	70	73	75	75	75	81	75	62	71	79	72	78	77	79	69	67	67	72	72.0		
MANY	56	44	46	42	42	44	34	34	35	43	35	35	34	32	37	45	43	45	65	33	23	25	34	40	42	57	47	47	50	52	41.4			
WATCHITOCHE	71	62	76	77	80	82	76	75	75	67	65	70	68	71	74	74	78	77	82	77	56	63	72	80	71	80	74	65	55	59	73.3			
MANY	61	51	53	48	50	49	40	38	49	48	39	39	37	37	43	57	44	51	65	39	27	31	50	48	44	60	54	53	55	59	47.3			
WATCHITOCHE	66	60	78	77	79	81	76	75	77	68	64	70	66	71	75	76	79	75	81	78	54	57	71	79	72	80	78	66	62	70	72.0			
WATCHITOCHE	47	39	47	44	43	45	33	33	40	44	34	33	32	37	41	40	41	64	34	21	25	34	40	44	49	52	50	52	52	40	71.3			
WATCHITOCHE	74	62	72	76	77	81	74	73	73	70	67	68	65	71	73	74	79	78	80	76	54	57	73	71	79	72	79	78	66	62	61	71.3		
WATCHITOCHE	61	53	53	52	52	54	40	41	43	49	42	41	41	40	41	52	41	52	44	63	37	29	30	37	45	47	73	52	50	52	46	46.0		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
NOVEMBER 1981LOUISIANA
NOVEMBER 1981

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
05	ROSEPINE EXP STATION	MAX	78	62	77	78	80	81	78	73	75	67	64	70	67	71	73	76	78	77	81	77	56	62	72	81	72	80	80	73	62	72	73	1
	MIN	61	50	52	46	51	52	39	39	51	48	42	40	38	38	43	51	44	53	65	38	27	32	42	52	47	60	54	53	53	59	47	3	
	CENTRAL																																	
	ALEXANDRIA	MAX	76	69	61	67	77	81	77	73	73	71	69	70	68	71	75	75	76	80	79	77	55	62	70	77	72	80	81	72	65	71	72	3
	MIN	62	53	54	54	54	53	42	43	53	51	42	40	42	41	43	45	47	52	63	40	29	33	44	47	43	55	55	50	52	59	47	9	
	BELAH FIRE TOWER	MAX	75	69	61	75	77	81	67	75	74	71	67	69	67	72	73	74	78	79	74	78	51	59	69	77	71	77	80	68	62	78	71	6
	MIN	63	53	57	59	53	54	41	40	52	52	40	40	41	40	44	56	46	52	64	37	29	32	46	45	40	55	58	48	52	54	48	1	
	BOYCE 3 WNW	MAX	67	64	72	78	74	75	73	68	66	67	65	68	68	73	74	77	76	69	52	58	66	72	68	70	76	72	64	63	74	69	3	
	MIN	55	54	54	56	56	53	44	46	54	50	45	44	44	38	47	46	51	62	42	39	33	37	54	47	68	53	52	57	54	49	1		
	BUNKIE	MAX	76	74	61	67	73	75	71	62	69	66	71	73	77	76	80	80	83	55	61	70	78	71	80	82	69	67	71	71	72	1		
MIN	65	54	55	58	56	54	43	41	43	52	43	41	43	46	51	48	50	62	38	31	32	37	53	45	53	61	51	53	61	48	1			
GRAND COTEAU	MAX	74	61	65	76	81	78	73	75	69	65	70	68	73	76	78	78	81	82	70	62	71	78	70	79	82	78	74	79	80	74	0		
MIN	60	54	58	61	58	54	42	42	55	52	45	41	44	45	46	62	59	57	68	40	32	34	48	57	46	64	66	53	58	63	52	2		
JONESVILLE LOCKS	MAX	75	73	60	63	75	79	73	73	71	65	68	66	71	74	75	76	75	78	80	56	58	69	70	77	83	70	63	70	71	0			
MIN	64	54	54	54	55	55	43	40	45	52	39	39	42	42	48	49	48	49	51	38	30	32	37	50	46	51	60	50	50	55	47	4		
LSU DEAN LEE EXP STN	MAX	75	71	60	66	77	80	76	73	70	67	68	66	70	72	75	79	80	73	58	60	79	54	60	78	71	82	70	63	72	71	6		
MIN	65	54	54	55	53	52	39	38	49	41	39	40	43	43	45	48	63	49	28	31	36	48	41	51	57	50	53	57	74	0				
MAMOU 4 S	MAX	77	62	68	68	84	77	75	74	72	69	68	71	74	77	81	80	80	84	73	60	70	77	70	79	81	78	70	70	78	74	0		
MIN	60	55	60	60	59	56	48	46	57	53	48	46	47	49	50	65	53	65	68	46	31	39	55	51	53	67	68	55	61	62	54	4		
MELVILLE	MAX	74	74	61	65	78	78	70	73	75	70	65	69	67	72	74	76	78	79	80	80	56	61	70	77	71	78	81	74	71	72	4		
MIN	64	53	55	58	62	52	41	40	54	52	42	37	41	43	45	49	45	57	56	39	29	33	45	52	42	50	66	54	57	63	49	2		
NEW ROADS 5 ESE	MAX	75	73	63	74	81	82	79	74	74	69	67	71	69	71	71	76	76	78	82	82	57	60	66	79	72	78	85	82	79	78	74	1	
MIN	63	52	57	62	62	58	40	40	50	52	41	37	41	46	43	52	45	51	58	41	30	31	36	50	40	48	65	54	59	60	48	7		
OLD RIVER LOCK	MAX	76	73	60	65	73	79	75	72	72	68	64	68	68	71	72	75	81	82	54	59	67	77	70	79	81	70	69	70	71	5			
MIN	65	54	54	58	61	57	45	46	49	54	45	42	40	42	41	43	49	51	56	41	31	31	33	43	51	67	53	52	60	48	8			
OLLA 3 SSW	MAX	74	68	59	72	77	81	74	73	73	70	66	67	66	70	72	74	76	78	75	78	54	59	69	77	71	82	67	63	65	70	9		
MIN	63	53	53	52	49	50	34	35	47	51	36	37	35	34	37	46	40	42	59	35	23	25	30	44	34	47	58	46	49	51	42	9		
WOODWORTH 2 SE	MAX	77	70	61	68	78	82	77	70	72	75	72	68	69	67	70	71	75	77	79	80	57	60	66	78	72	79	82	71	65	71	72	0	
MIN	63	51	52	53	53	52	41	42	40	42	49	40	41	41	41	44	50	46	54	28	30	35	50	41	57	55	50	52	56	46	5			
06	EAST CENTRAL																																	
	AMITE	MAX	73	79	79	82	84	80	79	74	76	65	71	73	71	76	75	76	79	80	79	86	60	62	70	78	78	76	82	86	79	74	76	1
	MIN	60	62	63	62	53	40	39	45	53	42	35	42	35	43	44	39	54	44	50	59	41	29	30	42	55	36	54	65	54	57	61	48	7
	BATON ROUGE WSO AP	MAX	75	70	75	82	80	79	72	74	67	68	71	68	72	73	76	77	78	81	85	58	60	67	78	72	79	83	83	78	74	82	74	6
	MIN	64	60	61	65	58	53	42	39	58	51	44	40	41	46	42	51	47	54	39	30	32	43	44	41	60	55	60	55	60	60	49	8	
	BOGALUSA	MAX	76	80	79	81	82	81	77	72	76	72	69	70	70	74	72	74	77	79	73	58	60	66	76	72	76	82	83	78	75	74	9	
	MIN	63	59	57	60	63	54	42	40	45	55	47	35	38	43	38	40	43	45	48	47	29	31	37	47	36	39	65	54	54	60	47	1	
	CLINTON 5 SE	MAX	72	75	76	80	81	79	78	73	75	68	68	71	70	75	74	78	77	80	80	82	56	62	69	79	72	78	84	83	83	72	75	0
	MIN	62	52	56	63	63	54	40	37	54	52	44	36	41	45	39	50	44	51	58	40	27	28	39	53	42	49	66	53	56	60	48	5	
	COVINGTON 4 NNW	MAX	80	77	82	82	80	78	73	74	72	70	70	70	75	73	73	78	79	78	81	70	60	68	75	72	75	81	82	78	73	81	75	3
MIN	62	58	58	62	64	53	39	37	55	56	43	33	42	43	36	52	41	47	58	43	36	28	40	54	35	51	63	56	51	65	48	7		
FRANKLINTON 3 SW	MAX	78	77	81	82	80	77	72	75	69	69	71	70	75	73	75	75	82	80	89	61	59	68	76	72	72	80	83	77	71	81	75	1	
MIN	60	58	59	63	58	50	44	38	57	49	43	35	42	42	36	49	43	47	58	33	28	29	40	42	35	55	56	54	54	64	47	4		
HAMMOND 5 E	MAX	74	79	81	84	83	81	80	74	75	68	71	73	71	75	74	74	80	80	79	84	72	58	68	77	72	76	84	83	79	74	76	1	
MIN	60	57	61	62	62	51	37	52	54	53	43	33	38	42	37	53	42	43	55	42	26	28	41	46	35	37	62	55	53	57	47	2		
HAMMOND 3 NW	MAX	72	78	78	79	80	78	77	69	71	69	70	69	68	72	70	78	77	77	81	57	56	63	73	70	72	78	77	75	73	72	5		
MIN	60	58	62	63	63	51	37	36	50	42	33	41	42	43	37	51	42	48	60	40	27	28	40	55	49	62	54	54	60	47	4			
LSU BEN-HUR EXP STN	MAX	80	77	73	76	82	80	79	74	75	66	67	70	69	72	74	76	78	80	81	83	63	61	70	79	72	79	84	86	80	78	75	5	
MIN	62	59	61	63	61	50	40	38	53	55	45	36	44	45	41	52	45	41	52	45	42	26	31	42	57	39	58	68	59	64	50	2		
SLIDELL WSOFO	MAX	78	80	76	81	83	81	79	72	76	75	72	74	69	75	75	74	75	76	79	81	61	59	66	76	73	76	81	82	81	75	74	9	
MIN	64	61	60	63	67	56	43	41	47	60	47	38	45	45	38	46	46	49	55	44	30	29	36	54	40	45	64	59	54	59	49	5		

DAILY TEMPERATURES (°F)

LOUISIANA
NOVEMBER 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SOUTHWEST 07 CROWLEY EXP STATION DE QUINCY 4 N DE RIDDER ELIZABETH HACKBERRY 8 SSW JENNINGS LAKE CHARLES WSO AP OBERLIN FIRE TOWER ROCKEFELLER WL REFUGE VERMILION LOCK	MAX	80	76	62	69	76	83	73	74	75	69	67	68	68	72	74	77	80	76	80	81	56	60	71	77	71	77	81	75	75	78	73	
	MIN	66	54	54	59	57	53	47	45	55	51	44	43	44	45	48	56	54	54	62	44	32	36	45	56	48	59	67	53	57	68	51	
	MAX	79	69	77	77	79	82	79	75	75	64	68	70	67	72	73	77	79	77	82	79	58	61	70	79	74	78	80	73	68	73	73	
	MIN	65	52	50	45	49	48	40	40	50	47	43	39	37	38	42	57	45	50	65	39	28	34	47	55	47	60	55	54	53	63	47	
	MAX	79	62	76	76	78	82	79	76	75	65	64	69	67	70	76	76	78	77	82	76	55	63	71	80	72	80	80	72	67	74	73	
	MIN	59	50	51	47	49	50	39	37	50	47	40	39	38	38	42	52	44	52	65	37	27	32	42	53	45	60	54	54	62	47	47	
	MAX	77	70	70	73	77	82	79	79	79	68	67	69	67	68	69	76	78	77	80	79	29	59	78	70	74	78	82	80	76	74	74	
	MIN	60	53	54	51	51	51	39	39	39	49	40	40	40	40	42	47	44	52	64	39	29	32	38	54	44	46	52	59	56	57	46	
	MAX	75	70	72	75	75	81	79	70	72	64	63	79	65	69	71	75	76	72	78	80	58	58	67	77	73	77	80	76	75	75	72	
	MIN	66	54	55	53	55	58	48	47	52	48	47	48	47	47	52	62	55	62	78	41	32	43	53	60	62	63	56	58	59	59	53	
	MAX	82	76	62	72	75	82	78	73	76	67	66	68	70	71	74	78	77	70	80	80	58	60	72	78	71	80	81	78	77	76	73	71
MIN	66	54	55	58	56	53	48	46	52	50	44	43	44	43	50	56	51	55	63	38	35	35	43	55	51	59	66	55	56	67	51		
MAX	69	74	76	77	81	79	71	76	63	63	69	65	69	71	75	78	71	79	80	59	59	69	76	73	78	80	76	78	76	76	73	72	
MIN	57	53	51	50	56	54	45	45	54	43	44	45	42	42	48	55	56	64	53	57	33	40	55	52	67	59	56	60	53	50	50		
MAX	79	72	65	73	76	83	79	73	77	69	68	70	63	72	73	77	80	77	81	82	60	62	71	79	72	79	82	75	71	73	73	73	
MIN	64	53	58	52	54	51	44	40	54	48	43	42	41	43	44	59	46	59	63	30	30	33	50	56	47	64	61	53	57	62	50		
MAX	84	75	66	74	78	82	81	75	77	65	67	69	66	71	75	78	78	78	81	81	60	71	74	78	75	80	81	80	81	81	81	75	
MIN	68	54	55	58	56	57	49	51	52	51	47	46	47	46	52	63	60	62	66	41	36	39	55	62	56	63	67	58	64	69	55		
MAX	82	74	62	70	78	82	81	74	75	69	67	70	67	71	74	75	78	78	79	81	60	66	72	76	75	75	80	82	78	77	74	74	
MIN	66	53	54	58	59	55	44	43	46	52	43	44	45	46	49	51	55	56	63	41	34	34	50	55	55	60	67	56	57	67	51		
SOUTH CENTRAL 08 CARVILLE 2 SW FRANKLIN 3 NW JEANERETTE EXP STN LAFAYETTE FAA AP MORGAN CITY NEW IBERIA 5 NW	MAX	80	76	75	75	72	80	70	72	75	66	68	68	67	72	73	76	77	79	80	81	60	71	78	72	78	72	78	80	78	80	74	
	MIN	56	58	60	65	62	56	50	40	50	54	44	38	46	47	43	45	46	46	47	43	31	31	37	56	45	55	63	58	59	61	49	
	MAX	78	68	69	80	79	79	73	77	67	69	69	66	74	76	76	80	77	80	81	60	62	72	79	75	80	82	83	81	81	80	75	
	MIN	63	57	60	63	62	55	46	48	46	53	46	42	50	52	42	57	40	52	59	39	34	41	49	51	50	68	62	58	66	65	52	
	MAX	80	76	62	67	80	81	79	74	75	68	67	70	68	72	74	74	77	78	80	81	57	61	70	78	74	82	83	81	80	74	74	
	MIN	66	56	55	60	60	57	48	43	44	53	44	42	43	45	47	49	48	49	57	42	33	35	39	51	49	54	63	58	59	66	50	
	MAX	73	62	67	79	81	78	71	74	68	67	69	67	71	72	75	80	76	79	80	56	59	68	77	71	77	80	79	79	78	80	73	
	MIN	56	55	58	61	59	53	44	41	55	50	46	43	43	45	46	54	50	59	53	42	31	35	47	48	48	68	58	56	60	56	50	
	MAX	78	79	78	75	81	80	82	69	65	69	70	67	73	73	76	77	78	80	80	60	60	60	69	79	74	78	80	83	82	75	75	
	MIN	66	66	62	65	64	62	53	54	54	56	52	48	47	51	50	52	50	58	45	39	42	48	52	48	53	67	60	60	66	54	54	
	MAX	80	74	62	68	79	80	80	71	76	69	67	70	68	73	75	78	78	77	80	82	57	61	70	78	74	78	82	80	80	79	74	74
MIN	65	55	56	60	60	56	50	45	53	53	46	49	47	49	47	47	48	55	62	42	32	37	38	54	49	57	64	55	58	67	51		
SOUTHEAST 09 BOOTHVILLE WSCMO CI DELTA-BRETON WL REF DONALDSONVILLE GOLDEN MEADOW HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP N O ADBON WSCMO CI PARADIS 7 S	MAX	78	77	76	80	72	74	70	71	75	70	67	63	69	68	75	77	76	78	79	73	55	63	75	69	75	79	81	72	79	80	73	
	MIN	70	69	69	69	67	65	56	47	62	61	55	50	50	61	49	58	52	56	68	52	48	43	56	55	47	63	67	67	65	67	58	
	MAX	77	79	76	80	80	76	75	68	74	72	68	66	65	71	71	73	74	72	75	74	58	56	66	74	68	75	75	76	73	78	72	
	MIN	70	68	68	68	67	64	59	54	61	63	57	54	58	56	57	57	57	58	60	52	48	46	51	60	53	57	64	65	64	59	59	
	MAX	75	78	79	76	83	81	79	71	74	65	67	64	69	73	72	67	78	80	78	78	59	59	60	70	79	79	82	86	79	79	74	74
	MIN	67	61	62	64	65	56	49	49	50	56	49	45	45	44	43	50	51	52	54	45	35	36	44	55	53	54	64	58	59	65	52	
	MAX	79	77	80	81	80	80	74	75	76	72	71	71	72	75	79	79	77	79	80	74	69	77	76	79	76	78	79	82	83	81	76	
	MIN	70	68	68	66	67	62	55	44	61	61	50	47	47	60	43	49	54	60	78	47	39	44	56	63	49	66	67	66	65	69	57	
	MAX	76	78	79	81	80	81	80	70	76	71	72	71	68	75	72	76	78	78	81	60	63	70	78	74	78	82	83	84	81	75	75	
	MIN	66	65	66	65	64	57	47	43	50	57	47	40	48	51	48	53	44	55	60	45	34	40	50	56	44	57	67	60	60	65	53	
	MAX	78	77	75	82	76	78	79	72	78	77	71	72	66	75	72	75	77	77	81	61	58	68	80	70	82	83	85	85	80	77	75	75
MIN	63	62	63	63	65	58	44	45	47	61	50	42	44	50	42	41	49	49	54	48	36	37	46	55	44	46	46	45	55	59	51		
MAX	80	81	82	81	79	80	70	77	72	71																							

DAILY TEMPERATURES (°F)

LOUISIANA
NOVEMBER 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PLAQUEMINES EXP STN	MAX	78	76	78	81	77	79	73	75	77	70	70	67	72	69	74	78	78	79	83	75	58	68	77	71	76	80	82	79	81	80	75.4	
	MIN	70	69	69	69	68	65	56	45	61	61	52	50	47	59	45	56	55	53	68	49	39	39	53	62	46	63	65	66	65	67	57.7	
RESERVE	MAX	80	78	78	80	82	80	78	78	80	67	71	71	68	78	75	77	79	79	80	80	60	70	70	76	72	72	79	79	80	83	76.0	
	MIN	60	58	64	60	62	57	58	50	44	56	45	41	43	42	42	43	49	49	53	44	34	46	34	54	44	47	63	62	58	50.4		
SAINT BERNARD	MAX	78	77	79	80	84	77	73	75	75	70	70	66	72	69	74	76	78	79	84	75	56	66	77	74	75	82	84	79	80	84	75.6	
	MIN	64	63	64	63	63	58	51	43	60	59	48	43	45	54	41	56	47	53	65	45	35	34	48	59	42	61	64	61	60	66	53.8	
THIBODAUX 4 ESE	MAX	78	80	80	80	82	80	76	76	73	72	71	68	74	73	77	78	79	80	84	74	62	72	79	75	78	80	84	84	84	82	77.2	
	MIN	65	65	65	65	64	57	43	38	46	56	43	42	47	47	42	52	45	50	63	42	39	41	49	58	39	57	65	58	63	68	52.5	

DAILY SOIL TEMPERATURES

LOUISIANA
NOVEMBER 1981

STATION			DEPTH		DAY OF MONTH																															AVERAGE
			TIME		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALHOUN EXP STATION	(IN)	4MAX	68	67	66	67	71	72	69	67	67	68	67	66	64	66	65	64	68	67	67	69	62	60	61	62	64	62	67	64	63	60	65	7		
	(IN)	MIN	63	63	62	61	61	60	60	57	57	59	57	55	55	56	57	60	58	60	60	58	53	53	56	56	56	62	58	58	59	58	2			
CLINTON 5 SE	(IN)	4MAX	68	69	71	73	77	74	75	72	71	66	67	68	67	68	69	77	72	71	71	71	65	63	63	66	67	66	70	73	74	68	69	7		
	(IN)	MIN	66	66	66	65	67	65	62	61	60	61	58	58	56	57	58	58	61	61	64	61	60	53	53	55	57	57	62	65	65	65	60	8		
CROWLEY EXP STATION	(IN)	4MAX	78	74	66	70	76	78	73	73	72	68	67	67	65	70	72	73	75	74	74	74	66	68	71	71	72	75	77	77	75	74	72	2		
	(IN)	MIN	69	62	57	61	61	61	55	54	55	58	53	52	53	54	56	58	57	64	52	47	48	48	55	59	59	66	61	61	67	57	2			
HAMMOND 5 E	(IN)	4MAX	73	76	79	81	79	80	80	76	74	67	72	72	70	72	72	71	76	74	74	76	63	64	65	70	66	67	74	76	76	72	72	9		
	(IN)	MIN	66	64	63	67	69	61	54	52	53	57	51	47	48	51	50	57	54	55	60	50	42	43	45	51	47	47	61	72	71	62	55	9		
HOUMA	(IN)	4MAX	70	71	73	72	72	73	75	72	71	67	67	65	63	67	67	68	69	70	70	69	64	62	64	73	66	66	72	69	68	72	68	9		
	(IN)	MIN	67	67	68	68	68	65	63	60	65	62	58	55	54	57	58	57	59	69	63	59	53	52	54	58	57	57	66	65	64	64	61	1		
LSU DEAN LEE EXP STA	(IN)	4MAX	71	71	66	68	71	72	70	-	69	68	66	65	64	65	65	66	69	69	70	71	61	61	64	67	66	67	71	70	65	67	67	4		
	(IN)	MIN	69	66	64	65	66	66	62	61	64	60	59	58	57	57	58	63	63	67	61	55	52	52	58	61	59	65	64	62	64	61	3			
RED RIV VALLEY EXP STA	(IN)	4MAX	68	65	66	69	69	72	70	67	64	64	64	65	63	65	65	62	67	69	69	66	60	58	61	64	65	65	67	65	62	59	65	7		
	(IN)	MIN	63	57	57	58	57	57	57	56	55	56	53	52	52	52	52	54	56	55	60	54	52	49	49	54	54	54	58	57	56	56	55	1		
ROSEPINE EXP STN	(IN)	4MAX	72	67	75	74	75	78	77	75	72	67	65	68	64	67	69	69	75	70	74	72	65	65	66	71	71	71	73	70	62	66	70	2		
	(IN)	MIN	66	58	58	57	56	59	54	53	53	54	50	50	49	49	49	54	55	55	64	50	44	43	46	54	56	58	63	59	58	60	54	5		
SAINT JOSEPH EXP STA	(IN)	4MAX	73	69	63	68	71	71	71	69	68	65	64	64	62	65	66	65	69	69	73	69	62	60	60	64	64	63	67	67	68	61	66	3		
	(IN)	MIN	68	63	63	62	64	58	58	57	56	59	54	53	52	54	54	56	58	58	61	57	53	51	50	55	53	53	63	60	59	59	57	4		
WINNSBORO	(IN)	4MAX	68	66	62	64	70	70	68	65	63	63	63	62	60	63	63	62	68	66	65	66	60	56	57	61	62	60	68	65	62	60	63	6		
	(IN)	MIN	64	62	62	62	61	60	59	57	53	57	53	52	51	53	46	54	57	56	58	56	49	48	47	53	53	54	60	58	57	60	55	5		

STATION-NAME	SOIL-TYPE	SOIL-COVER	SLOPE	UNIT
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%	F
CLINTON 5 SE	BUFF TERRACE	BARE	0.1% TO 3	F
CROWLEY EXP STATION	COASTAL PRAIRIE	BARE	0%	F
HAMMOND 5 E	FINE SANDY LOAM	BARE	0%	F
HOUMA	MOON SILT CLAY LOAM	BARE	0%	F
LSU DEAN LEE EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
RED RIVER VALLEY EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
ROSEPINE EXP STA	FINE SANDY LOAM	BARE	0%	F
SAINT JOSEPH EXP STA	SHARKE CLAY	BARE	0%	F
WINNSBORO	BLUFF TERRACE	BARE	0%	F

EVAPORATION AND WIND

LOUISIANA
NOVEMBER 1981

STATION		DAY OF MONTH																															TOTAL OR AVG
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST	01																																
	RED RIV VALLEY EXP STN	01	05	09	08	13	07	13	10	08	09	09	07	06	06	09	05	08	06	11	18	*	17	07	07	10	09	09	10	07	02		2.46
NORTH CENTRAL	02	79	38	37	7	1	3	4	7	41	37	19	8	10	8	9	33	10	19	108	94	27	23	59	37	24	135	71	33	34	55		1070
	CALHOUN EXP STATION	01	04	05	02	11	10	12	12	11	13	12	09	06	08	10	05	11	08	03	20	10	06	05	06	10	05	08	11	08	05		2.47
NORTHEAST	03	29	11	8	5	7	10	17	6	20	46	19	10	5	7	6	20	21	5	52	83	30	9	15	36	12	72	50	34	19	18		682
	SAINT JOSEPH EXP STN	10	05	00	05	10	06	06	12	27	08	08	11	06	11	08	09	03	13	16	18	10	05	10	11	10	10	10	10	09	02		2.79
EAST CENTRAL	06	55	57	33	22	23	10	41	9	59	59	41	31	13	14	19	66	27	19	103	25	40	10	37	68	23	122	146	79	51	39		1441
	LSU BEN-HUR EXP STN	13	12	24	23	*	24	22	17	27	*	24	10	03	12	23	09	06	10	19	12	24	09	13	11	15	13	11	20	03	14		4.23
SOUTHEAST	09	30	67	50	32	11	22	58	19	68	70	68	31	3	13	18	42	32	12	48	15	48	10	11	56	24	83	97	57	21	37		1259
	HOUMA	82	77	-	80	84	84	80	76	75	67	74	73	70	74	77	76	80	80	80	80	64	66	70	76	75	75	82	85	81	76		76.5
		58	63	-	67	69	60	50	48	50	56	49	47	49	52	52	53	55	56	61	45	40	41	43	53	51	52	68	60	59	65		54.2
		08	06	09	09	04	07	21	14	04	-	16	11	00	10	12	10	03	09	04	-	16	02	06	05	13	12	01	11	08	01		2.49
		70	68	46	23	17	9	21	20	44	33	34	17	7	15	29	19	23	15	27	65	23	14	18	28	17	39	37	24	36	30		868

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

LOUISIANA
NOVEMBER 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX
19

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

RESULTANT WIND: The vector sum of wind velocity (direction and speed) divided by the number of observations. In "Supplemental Data" tables, resultant directions are in tens of degrees.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- ++ Highest observed one minute wind speed. The station is not equipped with an instrument to measure fastest mile.
- * Gage not read. The precipitation included in the amount following the asterisks. Time distribution not known.
- // Gage equipped with a windshield.
- ~ Extreme occurred at a station with incomplete data. It may have been exceeded at that station.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading.
- B Adjusted monthly value of evaporation. Total evaporation amount is divided by number of recorded days, multiplied by number of days in the month.
- D Water equivalent of snowfall entirely or partially estimated, using a ratio of 1 inch water to every 10 inches of new snowfall.
- M Missing data. It appears with the average temperature in the "Monthly Summarized Station and Divisional Data" table if less than 10 days data are missing and it appears alone if 10 or more days are missing.
- R Amounts from recording gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

AR Observation made "after rain" has occurred.
C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.

G Observations appear in "Soil Temperatures" table.

H Observations appear in "Monthly Snowfall and Snow on Ground" table.

J Observations appear in "Supplemental Data" table.

MID Observation time is midnight.

S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.

SR Observation time near sunrise.

SS Observation time near sunset.

VAR Observation time varies.

MO Gage read once monthly, usually the last day.

OC Gage readings vary from a few weeks to several months.

WI Gage read weekly or irregularly.

WM Gage read weekly and last day of month.

Thermometers located in a rooftop shelter.

\$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Late Reports and Corrections will be published annually as a supplemental bulletin.

Interpolated values for monthly precipitation totals may be found in the annual issue of this bulletin.

Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

Information concerning the history of changes in locations, exposure, etc of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE THRU:
THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE N.C. 28801
ATTN: PUBLICATIONS

LOUISIANA - NOVEMBER 1981

SPECIAL WEATHER SUMMARY

The Louisiana average temperature for November 1981 is 60.5°, which is 2.4° above normal and ranks as the 23d warmest on record. The highest reported temperature was 89° at Franklinton on the 19th. The lowest was 21° at Many on the 21st. State rainfall averaged 2.02 inches, which is only about one-half of normal.

During much of November the controlling trough of the upper-air westerlies was near or over the East Coast, producing fair weather types, mostly Continental High (CH), situations over Louisiana. When the trough was over the Great Plains, as during the first four days of the month, warmer weather associated with the Gulf Return (GR) and Frontal Gulf Return (FGR) types prevailed. When an unusual upper-air pattern persistently recurs for weeks or even a month or more, the surface weather responds by being much warmer or colder, and wetter or drier than normal.

The preliminary analysis of synoptic weather types over southeastern Louisiana for November 1981, shows the following frequencies, with the 20-year average for 1961-1980 included for comparison. Average frequencies for December are also shown.

Synoptic Weather Types:

	November		December
	1981	1961-80	1961-80
Pacific High (PH)	3	3	4
Continental High (CH)	37	32	26
Frontal Overrunning (FOR)	20	25	31
Coastal Return (CR)	10	12	8
Frontal Gulf Return (FGR)	13	13	17
Gulf Tropical Disturbance (GTD)	0	1	0
Gulf High (GH)	3	2	4
Gulf Return (GR)	13	12	10
Tropical Index (GR+FGR+GTD)	26	26	27
Storminess Index (FOR+FGR+GTD)	33	39	48
Continental Index (CH+FOR)	57	57	57

For the entire State November was much drier than normal. The persistent upper-air trough near the East Coast was associated with fair-weather types over Louisiana, and the table shows that the Storminess Index was below average. Extensive periods of stormy weather were restricted largely to the first four days and last three days of the month. Most of the weak frontal passages during the month were accompanied by little cloudiness and almost no precipitation.

In synoptic weather type terms, the table shows that the month was about as close to normal as could ever be expected. The frequencies of the Continental and Tropical weather were average. Average monthly temperatures, however, were about 1 to 3° above normal; this temperature response suggests that most of the cold fronts and associated Continental High (CH) or Frontal Overrunning (FOR) weather were associated with air from the West and even the Pacific flowing indirectly to Louisiana, rather than polar outbreaks flowing directly southward across the Great Plains to the Gulf Coast.

Two new record high temperatures were set in Baton Rouge with 85° on the 19th and 82° on the 30th. Also, an 83° reading on the 27th tied the record high for that date in the capital city. At New Orleans Moisant two old record highs were broken with 85° on the 19th, 84° on the 30th, and a record maximum was tied on the 26th with 83°. A new record high was set at New Orleans Audubon with 83° on the 19th. No record highs occurred at Shreveport or Lake Charles.

A new record low of 25° was set at Monroe NLU on the 21st. No record lows occurred at Shreveport, Baton Rouge, Lake Charles, or New Orleans.

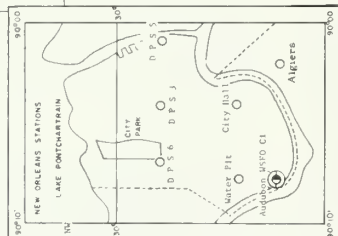
Many later than normal first freezes for the 1981-82 fall/winter season occurred during November. Some earlier than usual freezes occurred at a few locations in east central, southwest, south central, and southeast Louisiana.

Dr. Robert A. Muller, State Climatologist
Department of Geography and Anthropology
LSU, Baton Rouge, LA 70803

STATUTE MILES

10 0 10 20 30 40

90TH MERIDIAN TIME ZONE



STATION LEGEND

Precipitation only

Precipitation, storage

Precipitation and Temperature

Precipitation Temperature and Evaporation

○ 附 錄

[illegible]

- Soil Types

Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^{\circ}$ AND $45\frac{1}{2}^{\circ}$

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA AND INFORMATION SERVICE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210
THIRD CLASS
BULK RATE



CLIMATOLOGICAL DATA

LOUISIANA

DECEMBER 1981

VOLUME 86

NUMBER 12



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28801

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
DECEMBER 1981

HIGHEST TEMPERATURE:
LOWEST TEMPERATURE:
GREATEST TOTAL PRECIPITATION:
LEAST TOTAL PRECIPITATION:
GREATEST 1 DAY PRECIPITATION:
GREATEST TOTAL SNOWFALL:

SAINT BERNARD
ASHLAND
OAKNOLIA
HOUSTON
MITCHELL
SHREVEPORT WSO AP

84
13
8.56
4.10
DATE 01
DATE 20+
DATE 31

SUPPLEMENTAL DATA

STATION	WIND DATA (SPEED IN MPH)						RELATIVE HUMIDITY AVERAGE (%)				NUMBER OF DAYS WITH PRECIPITATION (INCHES)						PERCENTAGE OF POSSIBLE SUNSHINE	AVERAGE SKY COVER (TENTHS)	SUNRISE-SUNSET
	DIRECTION	RESULTANT	SPEED	AVERAGE	FASTEST MILE		TIME ZONE	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	OVER 1.99	TOTAL					
					SPEED	DIRECTION									DATE				
BATON ROUGE WSO AP	5	3.8	7.9	32	35	31	78	80	60	65	2	5	2	3	2	0	0	14	5.7
LAXE CHARLES WSO AP	7	3.0	10.1	25	21	21	80	82	60	71	3	2	0	0	0	0	0	13	5.1
NEW ORLEANS WSO AP	4	2.6	8.6	21	18	21	80	81	62	74	3	1	0	0	0	0	0	14	5.9
SHREVEPORT WSO AP	7	0.5	9.1	26	22	21	74	81	56	60	5	2	0	0	0	0	0	9	5.8

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
DECEMBER 1981

STATION	TEMPERATURE (° F)										PRECIPITATION (IN)											
	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	SNOW, SLEET			
										90 OR ABOVE	32 OR BELOW	32 OR BELOW							0 OR BELOW	NO OF DAYS	.10 OR MORE	.50 OR MORE
01 NORTHWEST COTTON VALLEY LOGANSPORT 4 ENE MINDEN PLAIN DEALING RED RIV VALLEY EXP STN SHREVEPORT WSO AP DIVISION	57.1	31.9	44.5	-	7523	1520+	626	0	0	0	0	0	.86	3.61	.2714	.2714	.0	.0	5	0	0	0
	61.0	35.6	48.3	-	7822	1619	517	8	0	0	0	0	1.05	3.61	.3014	.3014	.0	.0	4	0	0	0
	58.9	33.3	44.1	-	7623	1619	578	0	0	0	0	0	1.05	3.61	.4714	.4714	.0	.0	4	0	0	0
	57.8	33.9	44.5	-	7723	1819	629	0	0	0	0	0	1.02	2.72	1.091	1.091	.0	.0	3	1	1	0
	58.3	33.9	46.1	-	7723	1819	579	0	0	0	0	0	1.02	2.72	.5414	.5414	.0	.0	4	1	1	0
	58.2	35.5	46.9	-	7922	1919	554	0	0	0	0	0	.59	3.60	.3913	.3913	.0	.0	2	0	0	0
02 NORTH CENTRAL BIENVILLE 3 NE CALHOUN EXP STATION HOMER EXP STATION MONROE FAA AP MONROE NLU RUSTON-LA TECH UNIV WINNFIELD 2 W DIVISION	57.8	34.7	46.3	-	7722	1719	574	0	0	0	0	0	1.63	3.20	.8913	.8913	.0	.0	5	1	0	0
	56.9	33.5	45.2	-	7611	1419	606	0	0	0	0	0	1.53	3.20	.6114	.6114	.0	.0	5	1	0	0
	57.1	31.7	44.4	-	7423	1619	629	0	0	0	0	0	1.88	3.38	.2414	.2414	.0	.0	5	1	0	0
	54.2	33.8	44.0	-	7322	1919	643	0	0	0	0	0	1.42	3.38	.7313	.7313	.0	.0	5	1	0	0
	56.0	33.7	44.9	-	7711	1719	617	0	0	0	0	0	1.72	3.38	.7714	.7714	.0	.0	5	1	0	0
	57.4	34.2	45.8	-	7511	2019	591	0	0	0	0	0	1.45	3.53	.7814	.7814	.0	.0	5	1	0	0
03 NORTHEAST BASTROP EPPS 6 WNW LAKE PROVIDENCE SAINT JOSEPH EXP STN TALLULAH WINNSBORO DIVISION	58.7	34.9	46.8	-	7522	1419	564	6	0	0	0	0	2.06	2.80	.9114	.9114	.0	.0	5	1	2	0
	58.7	34.9	46.8	-	7522	1419	564	6	0	0	0	0	2.06	2.80	.9114	.9114	.0	.0	5	1	2	0
	58.7	34.9	46.8	-	7522	1419	564	6	0	0	0	0	2.06	2.80	.9114	.9114	.0	.0	5	1	2	0
	58.7	34.9	46.8	-	7522	1419	564	6	0	0	0	0	2.06	2.80	.9114	.9114	.0	.0	5	1	2	0
	58.7	34.9	46.8	-	7522	1419	564	6	0	0	0	0	2.06	2.80	.9114	.9114	.0	.0	5	1	2	0
	58.7	34.9	46.8	-	7522	1419	564	6	0	0	0	0	2.06	2.80	.9114	.9114	.0	.0	5	1	2	0
04 WEST CENTRAL ASHLAND CONVERSE LEESVILLE MANY NATCHITOCHES ROSEPINE EXP STATION DIVISION	57.0	31.8	44.4	-	7611	1320+	629	0	0	0	0	0	1.31	2.83	.4814	.4814	.0	.0	5	0	0	0
	60.5	32.2	46.4	-	7623	1920+	572	2	0	0	0	0	1.09	2.79	.4431	.4431	.0	.0	5	0	0	0
	60.4	36.9	48.7	-	7711	2019	500	0	0	0	0	0	2.75	2.79	1.0014	1.0014	.0	.0	5	2	1	0
	61.4	31.8	46.6	-	7623	1419	565	4	0	0	0	0	1.88	2.82	.8031	.8031	.0	.0	5	2	1	0
	59.5	35.8	47.7	-	7623	2019	533	0	0	0	0	0	1.86	2.82	.7331	.7331	.0	.0	5	2	1	0
	60.9	36.5	48.7	-	7711	2119	498	0	0	0	0	0	3.87	2.88	.9231	.9231	.0	.0	6	4	0	0
05 CENTRAL ALEXANDRIA BELAH FIRE TOWER BOYCE 3 WNW BUNKIE GRAND COTEAU JONESVILLE LOCKS LSU DEAN LEE EXP STN MAVOU 4 S MELVILLE NEW ROADS 5 ESE OLD RIVER LOCK OLLA 3 SSW WOODWORTH 2 SE DIVISION	59.9	36.6	48.3	-	7911	2119	518	0	0	0	0	0	3.84	2.88	1.3714	1.3714	.0	.0	7	3	1	2
	58.1	36.9	47.5	-	7811	1819	546	0	0	0	0	0	3.17	2.88	1.0014	1.0014	.0	.0	7	3	1	2
	57.4	39.2	48.3	-	7233	2219	513	0	0	0	0	0	3.45	2.88	.9514	.9514	.0	.0	7	3	1	2
	60.1	37.4	48.8	-	7523	2219	500	0	0	0	0	0	3.72	2.88	2.6431	2.6431	.0	.0	7	3	1	2
	62.1	41.0	51.6	-	7523	2219	413	0	0	0	0	0	3.54	2.88	.8924	.8924	.0	.0	7	3	1	2
	58.8	36.5	48.3	-	7911	2019	528	0	0	0	0	0	5.50	2.88	1.9614	1.9614	.0	.0	7	3	1	2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
DECEMBER 1981

SEE REFERENCE NO. 15 FOLLOWING STATION INDEX 4

LOUISIANA
DECEMBER 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX 5

DAILY PRECIPITATION (INCHES)

LOUISIANA
DECEMBER 1981

DAY OF MONTH

STATION

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TOTAL															
BOYCE 3 WNW	.01										.32	.01		.95	.30
BUNICE	.24											.18		1.00	
GRANDVIEW COTEAU LOCKS	.05											.23		1.08	
LSU DEAN LEE EXP STN	.36											.20		1.25	.02
MARKOVILLE	.39											.11		1.53	
MELVILLE	.41											.20		1.61	
NEW ROADS 5 ESE	.38											.03		1.25	.04
OLD RIVER LOCK	.20											.11		1.58	.01
OLLA 3 SSW	.33											.24		1.27	.01
OPLET ALLENT	.34											.10		1.47	
PORT ALLENT	.35											.22		1.50	.03
SIMMESPORT	.34											.02		1.23	.05
VIDALIA 2	.42											.02		1.75	.02
WOODWORTH 2 SE	.21						.08							1.55	
EAST CENTRAL F TWR	.36											1.30		1.07	.06
AMITE	.38										.05			1.05	.03
BAKER	.41													1.48	.03
BATON ROUGE CENTRAL	.60											.08		1.51	.03
BATON ROUGE WSO AP	.39											.22		1.00	
BATON ROUGE WOODLAWN	.46											.11		1.70	.37
BOGALTON	.72											.09		1.19	.02
CLINTON 5 SE	.63											.98		1.48	.04
COVINGTON 4 NNW	.71											.28		1.07	.08
DELRAND SPRINGS	.63											.24		1.76	.08
FRANKLIN 2 SW	.50											.52		1.70	.07
FRANKLIN SPRINGS	.79											.48		1.60	.21
GREENWELL	.53													1.24	.06
HAMMOND 3	.54											.30		1.05	.05
KENTWOOD	.51											.80		1.50	.06
LIVESTON 3 ENE	.43											.05		1.32	.60
LIVESTON HUR EXP STN	.24											.05		1.38	.03
LOXLEY RIVER LOCK 1	.80											.41		1.73	.01
PEARL GROVE FIRE TOWER	.55											.06		1.32	.24
PORT VINCENTVILLE	.67											.51		1.75	.08
SAINTE IDAN FIRE TOWER	.39											.04		1.37	.03
SHERIDAN WSO FIRE TOWER	.23											.72		1.68	.05
SLIDELL WSO FIRE TOWER	.80											.09		1.55	.33
SPRINGVILLE 3 ESE	.45											.10		1.54	.03
ZACHARY 3 ESE	.16													1.22	.03
SOUTHWEST	.17											.03		1.66	.03
ABBEVILLE EXP STATION	.42							.07				.03		1.30	.04
ABBEVILLE 4 N	.49							.01				.03		1.73	.02
DEER RIDGE	.42						.42	.23				.02		1.40	.03
ELIZABERRY 8 SSW	.11					.02	.03					.26		1.32	.02
HACKBERRY 3 W	.25													1.90	.04
JACKSONVILLE 3 W	.33											.58		1.23	.03
LAKE CHARLES 2 N AP	.35											.20		1.43	.03
LAKE CHARLES WSO AP	.37											.12		1.96	.03
LONGVILLE	.44											.11		1.22	.03
MERTIE 2 SE	.27											.02		1.54	.03
MITCHELL	.47											.02		1.69	.03
OBERLIN FIRE TOWER	.63											.02		1.69	.03

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
DECEMBER 1981

LOUISIANA
DECEMBER 1981

DAY OF MONTH

DAY OF MONTH

STATION	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BOYCE 3 MNW		.25			.23	.08	.03	.02	.02						.30	.23
BUNNICKIE		.21	.25			.80	.07	.12	.11	.30						.72
EGGGRAND COTEAU LOCKS		.35			.01	.40	.02	.02	.20	.04	.01		T		.03	.61
JONES DEAN STN		.22				.51	.03	.12	T	.12						.32
LSU DUVALLE		.22				.51	.04			.12						.51
MARKSVILLE		.49			.03	.47			.45							.90
MMELVILLE 5 ESE		.34	.13			.27	.08	.10	.08	.53	.02					.12
MNOLD RIVERSW		.26	.16			.42	.06	.25	.26	.31						.08
OLLEL R3 SSW		.13				.16	.01	T	.07							.34
OLLEL R3 SSW		.13				.16	.01	.05	.07							.69
OPPEL R3 SSW		.13				.16	.01	.05	.07				.99			.09
OPPEL R3 SSW		.13				.16	.01	.05	.07			.05	.15			.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
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OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
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OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
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OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
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OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
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OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
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OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							.82
OPPEL R3 SSW		.13				.16	.01	.05	.07							.45
OPPEL R3 SSW		.13				.16	.01	.05	.07							.05
OPPEL R3 SSW		.13				.16	.01	.05	.07							.48
OPPEL R3 SSW		.13				.16	.01	.05	.07							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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DAILY PRECIPITATION (INCHES)

LOUISIANA
DECEMBER 1981

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ROCKEFELLER WL REFUGE	6.09	.12					.02			.13			.09	.37	2.00	.11
SUGARTOWN	4.10	.11					T						.10	.24	.39	
SULPHUR	3.50	.10								.03			.20	T	1.70	T
VERMILION LOCK	4.62												T	.37		
08																
SOUTH CENTRAL LOCK	5.35	.90											.03	.65	1.85	.10
BAYOU SORRELE	7.12	.04											.10	.66	2.36	.04
BUTTE LA ROSE	7.71	.71											.18	.53	1.64	
CARVILLIN 2 SW	4.56	.38											T	.28	1.21	.03
FRANKLIN 3 NW STN	5.98	.38											.60	1.24	1.98	.27
JEANERETTE EXP AP	5.51	.51											.02	.04	1.46	
LAFAYETTE FAA AP	5.60	.20											.20	.60	1.98	.06
MORGAN CITY 5 NW	7.04	.29											.02	.28	1.70	
PLAQUEMINE 2 N	5.84															
09																
SOUTHEAST WSCMO CI	4.00	.21											1.09	.01	.47	.01
BOOTHVILLE WSCMO AP	4.20	.15											1.19	.03	.01	.97
DELTA-BRETTON WL REF	5.70	.27												.03	.10	.10
DONALDSONVILLE	3.87	.26			.03						.06		.20	.03	.86	.01
GOLDEN MEADOW	6.57	.86											.10	1.15	1.38	.25
GONZALES	5.04	.22											.02	.27	.93	.16
LOUISIANA NATURE CTR	7.48	.36											.38	.59	.87	
NEW ORLEANS WSCMO AP	5.50	.40											.32	.33	.65	
NEW ORLEANS SFOCIERS	5.54	.50											.04	.53	.87	
NEW ORLEANS ALP S 14	6.95	.44											.10	.20	1.35	.02
NEW ORLEANS WATER PLT	6.66	.45											.03	.01	1.26	.04
NEW ORLEANS CITY HALL	6.97	.24											.05	.01	1.18	.04
NEW ORLEANS O P S 5	7.85	.31											.28	.25	1.15	.04
NEW ORLEANS O P S 3	7.39	.55											.19	.09	.99	.31
NEW ORLEANS O P S 6	6.73	.38											.23	.03	.58	
PARAQUEMINES EXP STN	5.60	.74											.85	.02	1.70	
PLAQUEMINE 5	3.73	.67											.15	.06	1.12	
RESERVE	5.65														1.50	
SAINT BERNARD																
THIBODAUX 4 ESE																

DAILY PRECIPITATION (CONT)

LOUISIANA
DECEMBER 1981

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
ROCKEFELLER WL REFUGE			.44		T	.33	.02	.07	.56	1.29	
SUGARTOWN		1.40	.10			.60	.04	.02	.20	.10	
SULPHUR		T	.36			.35		.41	.21	.50	T
VERMILION LOCK						.38		.17			
08 SOUTH CENTRAL LOCK BAYOU SORRELL BUTTE LA ROSE CARVILLE 2 NW FRANKLIN 3 NW EXP STN JEANERETTE FAA AP LAFAYETTE CITY MORGAN CITY 5 NW NEW IBERIA PLAQUEMINE 2 N			.28			.10		.25	T	.59	
						.35		.48	.70	1.10	
						.06		.23	.57	.78	
		.57	.75		.13	.05	.05	.25	.34	.78	.02
		.18			.20	.29	.02	T	.19		.32
						.11	.04	.11	1.23	.35	.02
			1.00			.07	.04	.08	1.25	.80	.01
			.50			.26	.02	.10	1.05	.90	.30
			.27			.25		.45	.50		.16
09 SOUTH EAST BOOTHVILLE WSCMO CI DELTA-8RETTON WL REF DONALDSONVILLE GONZALES HOUMA HOUMA IBERIA NATURE CTR LOUISIANA WSCMO AP NEW ORLEANS WSCMO CI NEW ORLEANS AD GIER S NEW ORLEANS ALP S 14 NEW ORLEANS WATER PLT NEW ORLEANS CITY HALL NEW ORLEANS CITY S 3 NEW ORLEANS CITY S 6 NEW ORLEANS D P S 3 NEW ORLEANS D P S 6 PARADEVE PRESIDENTIAL EXP STN SAINT BERNARD THIBODAUX 4 ESE		.03	.33			.04		T	.08	.03	
			.12			.05	.01	.05		.16	
			.51			.04	.01	.08		.70	
		.10	.33			.06		.04	.24	.91	
			.37			.06		.04	.13	.55	
			.59			.13		.05	T	1.50	
			.72			.04		.04	.81		
				.01		.04		.05	1.07	.79	
			.09			.04		.04	.01	1.50	
			.74			.01		.01			
			.63			.50		.01	.01	1.00	
			.71			.02		.02	.13	1.54	
			.63			.11		.02	.04	1.14	
			.33			.01		.01	.04	1.11	
			.71			.01		.01	.19	.65	
			.25			.07		.03		.52	
		.67	.44			.01				.22	
		.32	.60			.07				.52	
		.47	.12							.98	
		1.00	.21			.10			.15	.28	
									.50	.98	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
DECEMBER 1981

STATION

DAY OF MONTH

AVERAGE

01

NORTHWEST

COTTON VALLEY

LOGANSPOUT 4 ENE

MINDEN

PLAIN DEALING

RED RIV VALLEY EXP STN

SHREVEPORT WSO AP

02

NORTH CENTRAL

BIENVILLE 3 NE

CALHOUN EXP STATION

HOMER EXP STATION

MONROE FAA AP

MONROE NLU

RUSTON-LA TECH UNIV

WINNFIELD 2 W

03

NORTHEAST

BASTROP

EPSS 6 WNW

LAKE PROVIDENCE

SAINT JOSEPH EXP STN

TALLULAH

WINNSBORO

04

WEST CENTRAL

ASHLAND

CONVERSE

LEESVILLE

MANY

NATCHITOCHES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAX	58	63	74	57	59	67	71	70	64	50	50	45	48	44	52	62	45	37	40	53	74	75	51	42	57	63	61	65	53	50	57.1	
MIN	38	30	30	31	25	25	45	46	33	33	35	40	39	41	28	28	35	21	15	15	30	53	41	38	24	28	28	30	30	31	31.9	
MAX	65	64	77	66	60	59	73	72	70	63	65	60	47	45	54	65	63	43	41	39	76	78	67	48	58	67	65	60	60	49	66	61.0
MIN	33	27	31	38	24	40	45	50	34	30	48	39	40	41	29	30	39	20	16	29	36	67	40	38	22	32	26	33	34	42	35.6	
MAX	72	60	69	75	58	61	65	73	71	65	58	52	45	47	44	53	64	47	38	42	55	74	76	51	44	58	63	64	68	54	61	58.9
MIN	37	29	32	33	26	27	46	49	35	37	38	39	39	40	28	29	31	22	16	19	30	48	41	37	28	31	30	34	34	36	33.3	
MAX	67	59	64	74	59	60	69	71	71	67	58	48	45	47	44	52	61	46	39	41	53	76	77	52	42	57	64	60	64	54	51	57.8
MIN	37	28	30	30	27	27	45	44	33	34	35	37	37	39	28	29	29	15	15	15	29	53	37	35	22	26	27	29	30	30	31.2	
MAX	69	59	63	74	58	58	62	74	72	68	57	55	47	48	44	53	63	47	38	41	54	74	77	53	43	56	64	63	66	56	51	58.3
MIN	39	32	32	36	28	30	46	48	36	34	37	40	41	42	32	32	34	22	18	20	31	53	41	38	26	26	30	32	32	31	32	33.9
MAX	59	64	76	58	59	65	75	71	66	57	55	46	47	45	53	63	57	38	40	40	77	79	50	42	56	66	64	64	54	50	67	58.2
MIN	38	30	34	35	28	44	46	42	36	35	43	41	44	35	31	30	33	23	19	30	40	45	41	35	26	26	24	44	33	33	43	35.5
MAX	60	63	74	58	60	64	70	69	64	56	54	43	47	44	54	64	57	37	42	37	73	77	57	41	60	64	65	68	53	51	67	57.8
MIN	37	30	33	31	27	40	46	51	34	34	40	38	42	35	30	32	35	23	17	29	32	45	37	35	26	35	31	44	32	33	42	34.7
MAX	76	61	63	74	58	58	61	72	70	64	53	46	44	47	43	55	63	49	37	38	53	69	73	49	40	56	60	61	68	53	49	56.9
MIN	45	31	32	35	25	32	39	47	32	31	35	38	39	42	29	31	34	23	14	22	31	53	43	37	26	31	29	34	32	32	33	33.5
MAX	70	58	63	73	58	60	64	72	70	65	53	48	47	47	43	53	61	46	37	39	56	72	74	50	40	57	63	61	66	54	51	57.1
MIN	41	28	29	33	26	28	41	47	33	33	33	36	36	38	29	29	33	19	16	17	28	53	39	35	25	32	28	28	29	30	31	31.7
MAX	60	61	72	55	56	58	70	66	61	48	45	42	45	45	53	60	58	34	34	37	69	73	47	39	52	53	58	67	49	48	64	54.2
MIN	40	31	31	31	27	37	38	43	34	34	37	37	42	35	30	31	33	22	19	25	37	47	36	35	29	32	30	41	31	31	43	33.8
MAX	77	61	62	73	58	59	60	73	69	63	49	45	45	47	43	55	61	48	35	36	51	69	73	46	40	54	58	60	68	50	49	56.0
MIN	46	31	32	41	25	37	37	40	34	33	39	37	40	41	30	30	32	22	17	20	30	50	42	36	28	30	35	33	32	32	33	33.7
MAX	75	59	63	73	59	60	62	70	70	65	53	47	48	48	43	54	62	48	37	38	56	73	74	50	40	57	62	61	67	54	50	57.4
MIN	43	31	33	38	29	40	42	48	36	35	37	40	38	40	31	32	37	24	20	21	30	53	41	36	25	32	28	29	31	31	30	34.2
MAX	61	63	73	61	58	58	69	71	65	56	59	52	46	45	54	63	57	43	40	36	70	75	47	57	58	63	72	61	51	66	58	58.7
MIN	42	29	30	35	24	36	39	41	31	27	41	38	41	41	29	27	42	23	14	28	32	66	42	39	25	31	27	51	36	34	42	34.9
MAX	58	64	73	73	62	70	69	64	59	44	49	44	48	60	61	61	68	74	41	37	36	68	74	40	56	60	68	60	68	59	64	58.7
MIN	44	36	39	25	40	42	51	35	34	39	33	33	41	41	30	30	37	20	17	20	33	65	35	28	45	55	61	60	67	51	50	35.0
MAX	78	62	62	72	56	56	59	74	67	61	50	44	46	47	47	52	60	59	32	35	53	68	73	48	45	55	61	60	67	51	50	56.5
MIN	46	34	36	38	29	37	35	44	37	34	36	37	40	42	30	32	37	20	17	20	28	48	41	41	23	35	32	41	34	32	33	34.5
MAX	78	61	59	71	55	58	58	70	66	61	49	44	43	47	45	51	59	46	37	34	51	67	74	44	40	56	60	61	66	49	53	55.1
MIN	44	34	36	43	26	32	33	48	39	34	36	36	40	41	33	35	41	21	17	19	27	50	41	37	31	30	35	33	32	32	34.4	
MAX	78	62	60	70	56	57	58	73	69	62	53	49	45	48	46	53	61	52	32	35	52	69	73	53	43	56	63	64	71	56	56	57.3
MIN	47	31	40	39	30	35	38	48	40	33	38	38	37	44	32	34	38	24	21	21	27	51	43	39	34	38	34	35	39	35	38	36.2
MAX	80	63	62	72	55	57	59	74	68	62	51	44	45	48	46	54	61	57	32	35	51	67	74	44	41	57	62	62	69	51	57	56.8
MIN	43	32	34	36	27	33	36	41	32	32	34	36	40	42	32	31	37	22	14	17	27	49	42	37	30	31	32	35	34	33	33	33.4
MAX	79	65	65	73	58	60	58	73	71	65	53	46	45	48	45	56	61	50	34	37	52	68	73	45	48	59	60	63	73	52	54	57.7
MIN	46	32	35	36	26	34	39	45	31	31	35	38	38	43	31	31	36	23	15	18	29	52	42	36	38	29	30	33	35	32	35	34.0
MAX	76	59	62	71	57	57	60	70	69	64	56	57	45	46	43	52	63	46	32	40	55	71	75	50	38	46	60	63	67	58	58	57.0
MIN	37	26	28	30	27	30	38	47	32	32	38	38	40	41	27	27	31	22	13	13	19	54	41	38	25	30	27	38	32	33	33	31.8
MAX	74	63	65	75	60	62	60	71	74	70	62	65	46	46	44	50	55	48	43	43	60	75	76	55	50	60	67	68	70	57	52	60.5
MIN	37	28	30	31	23	25	45	50	33	30	39	39	39	41	29	26	29	21	19	19	30	55	40	39	24	26	28	35	34	35	32	32.2
MAX	77	58	66	76	62	62	56	69	74	69	65	69	47	49	47	57	66	50	44	42	60	70	75	55	42	58	58	64	75	58	52	60.4
MIN	42	30	35	44	28	34	47	51	38	33	42	41	41	43	31	30	38	27	20	25	33	60	42	33	30	33	31	37	42	38	40	36.9
MAX	75	64	67	75	56	60	63	72	74	70	64	65	46	46	44	57	65	50	43	36	75	76	55	53	67	70	71	73	57	54	61	61.4
MIN	37	26	29	31	22	27	35	50	33	28	33	38	40	41	25	26	26	23	14	16	30	62	40	38	27	25	32	37	34	37	31	31.8
MAX	76	63	65	75	61	60	59	70	72	65	58	62	40	40	42	53	63	50	42	40	55	73	76	54	44	57	64	65	74	56	53	59.5
MIN	46	33	36	33	30	38	43	52	38	35	37	38	40	42	33	32	32	25	19	21	30	55	43	40	23	23	26	34	39	36	36	35.5

DAILY TEMPERATURES(°F)

LOUISIANA
DECEMBER 1981

STATION		DAY OF MONTH																															AVERAGE		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
05	ROSEPINE EXP STATION	MAX 42	71	64	61	76	62	62	54	69	75	69	65	70	46	49	47	59	66	50	45	44	60	70	73	55	43	60	66	66	75	59	51	60.9	
	MIN	42	30	35	42	28	36	46	51	38	33	42	41	41	42	32	30	35	26	21	23	32	59	41	39	29	32	30	35	44	39	39	36.5		
	CENTRAL	MAX	79	65	65	74	62	61	55	68	75	68	61	62	47	49	48	56	65	53	43	42	55	68	74	52	42	60	59	65	75	58	52	59.9	
	MIN	43	33	37	44	30	40	46	52	37	34	44	40	40	40	44	34	32	36	27	21	24	30	39	39	38	32	34	33	36	42	37	38	36.6	
	ALEXANDRIA	MAX	78	64	65	74	60	62	57	70	72	66	57	58	47	48	49	56	62	52	38	40	46	64	71	49	41	57	57	64	75	55	53	58.1	
	MIN	46	33	36	39	30	38	41	50	37	34	39	38	41	41	29	31	46	26	18	26	32	54	39	38	32	37	39	46	39	35	40	36.9		
	BELAH FIRE TOWER	MAX	62	66	72	58	57	53	65	70	65	58	47	50	62	52	54	61	55	41	33	41	67	71	51	45	55	59	61	71	56	52	70	57.4	
	MIN	46	34	45	42	35	45	47	52	39	38	42	41	38	39	36	33	33	28	23	31	41	69	73	49	42	58	64	56	74	54	55	60.1		
	BOYCE 3 WNW	MAX	80	66	65	75	62	62	55	64	68	73	61	64	46	51	50	56	67	57	40	40	57	69	73	49	42	58	64	66	74	54	55	60.1	
	MIN	49	36	39	40	31	32	42	54	35	35	35	42	41	45	34	35	35	28	22	23	24	55	55	45	40	35	34	35	35	41	39	40	37.4	
06	BUNKIE	MAX	67	65	75	66	62	57	70	75	67	64	65	61	52	52	57	64	60	46	22	42	70	74	70	44	57	69	69	67	75	52	68	62.1	
	MIN	48	37	40	45	31	39	52	54	42	35	41	45	46	45	35	34	45	30	25	30	39	52	68	74	47	42	58	65	41	45	42	47	41.0	
	GRAND COTEAU	MAX	79	65	64	72	59	61	58	72	71	64	55	57	46	48	48	56	64	57	36	39	52	68	74	47	42	58	65	75	54	59	58.8		
	MIN	48	36	37	35	33	34	44	42	38	38	38	39	39	44	33	33	33	26	20	21	30	49	45	39	34	37	40	36	38	40	36	38	36.5	
	JONESVILLE LOCKS	MAX	80	66	64	74	61	61	54	68	75	66	59	62	45	49	49	55	65	53	42	40	56	69	73	52	43	58	61	63	75	57	52	59.6	
	MIN	46	33	36	41	29	33	45	49	37	34	39	40	40	44	33	32	35	28	20	23	33	55	45	40	35	35	33	34	42	38	39	37.0		
	LSU DEAN LEE EXP STN	MAX	67	65	75	69	62	58	70	76	70	65	68	64	54	54	60	66	64	51	43	43	70	75	72	50	59	64	67	76	73	53	68	63.6	
	MIN	40	38	44	46	46	45	54	57	47	40	45	46	47	40	39	40	51	33	26	36	40	67	47	41	39	47	40	41	47	40	41	44	44.1	
	MAMOU 4 S	MAX	80	67	64	74	61	62	61	67	75	66	62	61	50	57	49	47	56	53	41	41	55	68	73	51	52	56	66	67	73	60	52	60.2	
	MIN	46	34	38	43	30	37	42	54	38	33	33	34	45	45	36	32	34	29	21	24	33	58	46	39	36	39	36	43	45	41	42	38.5		
06	MELVILLE	MAX	83	71	63	76	62	62	57	77	68	65	58	48	53	50	55	65	56	44	42	57	71	77	55	47	60	65	67	72	61	55	61	61.2	
	MIN	47	33	31	47	35	38	45	41	40	41	44	44	46	36	30	21	23	32	54	47	40	39	38	42	48	43	40	43	43	43	38	40	37.8	
	NEW ROADS 5 ESE	MAX	80	65	63	73	69	60	61	69	73	65	59	58	51	52	52	54	65	60	50	40	51	71	76	49	57	62	67	74	56	55	61	61.0	
	MIN	45	34	32	42	35	35	42	44	39	38	35	45	38	36	34	39	45	19	19	33	51	49	44	36	35	37	35	39	40	40	37.8			
	OLD RIVER LOCK	MAX	78	63	64	75	60	67	60	71	70	66	56	55	45	47	45	55	63	51	38	38	55	69	74	50	40	60	56	65	73	52	52	58.5	
	MIN	40	29	30	32	25	25	37	43	33	29	30	37	39	42	28	28	29	25	15	15	32	52	43	38	27	27	28	28	37	34	35	32.0		
	OLLA 3 SSW	MAX	79	68	65	75	62	60	58	67	74	66	60	63	54	49	47	59	66	55	42	43	57	59	58	55	52	56	60	64	73	68	54	60.3	
	MIN	46	32	36	41	29	30	42	50	36	34	38	39	39	42	31	32	34	26	20	29	31	42	38	31	33	31	32	40	38	38	35	33		
	WOODWORTH 2 SE	MAX	80	74	64	75	63	63	56	76	78	68	61	56	48	56	55	57	65	57	44	42	56	68	73	57	43	60	64	69	70	57	56	61.6	
	MIN	50	35	33	46	32	35	39	41	40	32	35	43	41	48	37	31	39	29	18	20	40	54	48	39	39	38	40	52	48	41	42	38.9		
06	BATON ROUGE WSO AP	MAX	74	63	74	63	61	57	72	77	67	61	60	55	54	55	57	64	60	44	42	46	70	76	62	44	59	67	68	73	60	52	72	61.6	
	MIN	50	39	38	42	35	42	48	53	42	39	37	46	46	43	36	32	40	26	21	32	46	62	44	42	41	39	40	55	47	45	52	41.9		
	80GALUSA	MAX	81	75	61	73	61	60	56	75	71	65	57	53	45	61	56	55	64	60	40	39	51	68	73	51	57	65	67	70	55	56	61	61.0	
	MIN	55	38	35	39	32	37	40	45	41	33	33	38	42	40	41	32	35	30	19	20	26	51	51	49	39	44	45	49	41	41	38	33		
	CLINTON 5 SE	MAX	82	72	62	74	61	62	55	75	76	68	61	55	50	54	51	56	64	57	41	40	52	68	73	54	41	60	64	66	71	61	62	60.9	
	MIN	50	33	35	45	34	37	40	48	40	33	37	41	41	45	34	31	39	28	17	20	30	51	46	39	39	38	37	44	46	40	40	38.0		
	COVINGTON 4 NNW	MAX	75	63	72	61	61	58	73	76	67	59	56	54	52	59	55	62	65	48	40	48	67	73	71	49	56	64	68	69	66	54	74	61.8	
	MIN	51	34	31	41	31	37	39	47	40	28	31	42	44	42	40	29	42	30	17	21	41	60	49	40	41	36	41	47	49	42	49	39.1		
	FRANKLINTON 3 SW	MAX	76	64	74	75	61	55	77	77	67	59	52	51	53	55	56	65	60	42	19	23	40	65	71	67	43	57	64	65	69	57	52	72	60.8
	MIN	47	35	33	33	30	37	38	47	38	31	32	41	44	44	34	30	39	26	14	24	40	60	63	40	39	37	41	42	45	41	48	38	0	
06	HAMMOND 5 E	MAX	82	76	67	73	62	62	57	74	76	67	60	55	49	59	56	67	72	58	44	41	52	67	72	58	44	59	63	68	69	55	59	61.5	
	MIN	49	34	33	41	29	34	38	45	36	29	30	39	42	45	39	30	31	30	17	21	27	52	50	40	41	36	40	48	49	42	43	37.4		
	HAMMOND 3																																		

DAILY TEMPERATURES (°F)

LOUISIANA
DECEMBER 1981

STATION		DAY OF MONTH																															AVERAGE		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
07 SOUTHWEST CROWLEY EXP STATION DE QUINCY 4 N DERIDDER ELIZABETH HACKBERRY 8 SSW JENNINGS LAKE CHARLES WSO AP OBERLIN FIRE TOWER ROCKEFELLER WL REFUGE VERMILION LOCK	MAX	82	69	65	73	61	60	58	73	76	68	66	66	49	54	54	57	67	60	42	42	56	71	75	53	42	59	66	68	75	58	53	61.2		
	MIN	55	35	41	46	30	36	45	54	44	37	43	47	35	46	47	35	35	42	31	23	26	35	50	44	39	36	37	40	44	46	42	43	40.2	
	MAX	76	65	66	75	62	63	55	70	71	71	67	71	50	52	56	63	53	46	45	65	71	72	59	42	41	34	34	30	32	35	46	41	41	62.4
	MIN	43	32	34	41	28	33	38	52	40	33	45	44	45	43	32	31	40	27	21	23	32	59	42	41	34	34	32	35	46	41	41	37.5		
	MAX	77	65	68	76	61	62	54	69	75	69	65	70	46	49	47	58	68	50	45	42	60	70	74	55	43	59	68	67	76	59	50	41	37.6	
	MIN	44	31	36	45	29	35	46	51	38	34	42	42	42	41	34	31	37	27	21	24	32	57	42	40	30	34	32	44	44	40	41	37.6		
	MAX	78	66	65	74	70	60	62	67	65	68	65	67	66	50	48	59	67	54	49	45	59	70	73	53	43	59	65	66	77	60	51	61.1		
	MIN	46	32	36	36	24	29	33	37	51	38	33	39	42	42	44	33	30	29	19	23	33	58	44	40	32	33	31	33	46	39	39	36.6		
	MAX	77	66	64	73	63	58	61	67	72	68	64	73	52	53	52	68	68	59	48	42	62	70	73	55	51	60	68	67	76	59	51	62.8		
	MIN	52	38	50	49	37	45	52	56	48	43	49	44	45	46	35	40	41	25	27	37	39	60	42	40	35	44	41	48	49	42	42	43	39.6	
MAX	78	66	65	75	61	61	59	74	76	68	64	70	50	53	51	56	68	58	45	42	58	72	74	54	43	58	68	67	75	56	52	52	63.6		
MIN	47	34	35	44	29	33	47	54	42	35	40	45	45	44	34	35	39	30	24	25	38	58	43	39	36	40	40	40	46	42	42	43	39.6		
MAX	67	54	73	62	60	59	70	76	70	72	72	66	52	53	59	68	64	49	44	51	73	75	56	46	60	69	68	79	61	48	63	62	9		
MIN	43	35	45	38	32	43	55	51	40	37	54	46	46	44	38	33	41	30	25	36	51	56	43	41	36	44	38	60	46	45	46	45	46	42.5	
MAX	79	66	66	75	64	61	57	71	76	70	63	69	47	52	50	59	67	56	47	52	60	74	60	73	55	42	59	66	69	79	61	53	62.0		
MIN	46	31	38	44	30	41	49	53	41	35	42	43	43	45	33	31	48	28	23	28	35	58	43	40	34	35	34	40	45	40	43	39	33		
MAX	80	71	68	76	63	63	64	65	76	75	70	67	74	68	55	52	68	69	65	47	62	74	64	56	52	55	67	67	77	57	63	64	7		
MIN	55	39	43	49	37	44	55	58	47	40	40	56	47	50	37	38	44	33	26	35	42	61	44	41	37	39	40	52	48	43	44	44	40	64.7	
MAX	80	74	64	73	62	60	62	71	75	69	64	70	67	70	64	57	67	74	55	43	57	73	73	57	47	57	65	64	74	58	59	64	59	64.7	
MIN	51	39	39	40	39	39	42	54	49	40	42	53	45	47	38	38	40	34	23	23	35	55	43	40	37	37	40	41	49	48	44	44	41	41.4	
08 SOUTH CENTRAL CARVILLE 2 SW FRANKLIN 3 NW JEANERETTE EXP STN LAFAYETTE FAA AP MORGAN CITY NEW IBERIA 5 NW	MAX	81	78	74	74	51	62	58	73	76	68	62	60	55	58	57	55	64	60	46	43	57	67	72	69	50	57	60	59	74	67	60	62.8		
	MIN	49	38	35	47	37	37	40	51	46	40	39	40	45	46	37	44	40	35	21	23	32	55	47	35	37	42	41	44	45	44	44	40	40.2	
	MAX	77	61	72	63	63	65	76	77	77	66	69	68	60	61	56	71	59	47	67	75	70	46	58	72	58	66	72	76	66	55	70	65	3	
	MIN	49	38	42	45	37	41	53	54	45	39	45	47	46	44	36	35	40	28	24	35	44	56	44	41	40	43	43	60	47	45	49	43	43.1	
	MAX	80	73	65	73	65	63	63	77	70	66	68	61	57	54	55	66	68	45	45	60	73	59	44	59	68	70	72	56	63	63	7	63.7		
	MIN	53	38	39	44	35	37	46	54	48	41	42	50	47	47	38	36	33	33	24	25	35	59	47	42	40	40	43	44	51	46	45	42.2		
	MAX	68	67	73	60	61	60	71	67	64	66	58	52	54	64	60	41	47	68	72	59	43	59	47	43	56	66	67	73	59	50	66	60	6	
	MIN	48	41	39	40	33	39	49	53	44	34	40	46	46	43	36	32	39	25	20	34	47	59	43	39	36	40	40	57	44	44	49	41	43	
	MAX	79	73	64	72	64	62	64	77	76	69	64	69	70	62	59	57	66	71	47	43	60	71	74	59	46	57	67	70	78	53	63	64	7	
	MIN	51	43	43	43	43	42	45	53	50	45	42	49	49	49	39	35	37	36	26	26	35	58	53	42	42	41	42	43	49	46	46	42	42.9	
MAX	80	72	65	73	62	62	60	62	71	75	69	64	70	67	70	64	57	67	74	55	43	57	73	73	57	47	57	65	64	74	58	59	64	7	
MIN	49	36	42	49	34	41	40	41	49	43	44	42	40	46	37	35	40	33	25	25	40	57	45	40	38	39	42	46	48	45	45	43	41.2		
09 SOUTHEAST BOOTHVILLE WSCMO CI DELTA-BRETON WL REF DONALDSONVILLE GOLDEN MEADOW HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP N O ADBON WSO CI PARADIS 7 S	MAX	73	69	70	63	57	61	73	73	62	54	64	69	60	65	55	68	74	58	42	53	70	72	68	55	52	69	63	76	70	57	72	64	1	
	MIN	54	44	44	55	47	40	55	53	52	43	40	56	54	55	45	38	49	39	30	32	45	60	54	46	43	47	53	50	49	57	48	4	54.1	
	MAX	75	71	62	71	61	59	64	73	72	65	66	68	64	64	63	66	68	46	45	62	67	70	60	55	47	69	68	71	59	68	71	59	63	7
	MIN	60	52	50	50	47	48	52	49	52	50	45	51	56	56	45	45	48	41	32	31	44	57	55	48	45	47	52	51	58	51	49	48	9	
	MAX	79	75	64	72	63	62	60	74	69	65	63	68	60	62	58	55	65	69	46	41	57	69	75	66	50	56	65	69	76	55	62	63	3	
	MIN	54	40	40	45	40	40	40	51	42	40	39	48	46	46	40	38	39	34	22	23	33	54	49	40	41	42	42	44	45	44	45	41	5	
	MAX	77	71	72	64	63	62	62	76	77	68	71	71	72	62	65	58	68	74	58	53	67	75	72	61	58	69	68	76	72	57	72	67	6	
	MIN	60	49	45	51	45	40	53	54	48	45	41	38	51	54	42	38	38	37	27	27	48	48	54	48	43	46	46	58	48	47	49	46	4	
	MAX	80	77	65	72	64	64	64	64	75	76	69	63	69	74	66	60	65	69	74	49	43	62	73	66	60	47	57	67	70	78	53	69	55	5
	MIN	53	38	42	49	41	38	46	53	49	37	38	51	49	50	39	35																		

DAILY TEMPERATURES (°F)

LOUISIANA
DECEMBER 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PLAQUEMINES EXP STN	MAX	77	72	73	66	60	60	74	76	69	61	63	68	63	64	55	67	75	59	43	49	72	75	70	56	56	68	65	76	71	55	76	65.8
	MIN	59	43	41	51	44	38	54	52	49	44	38	50	50	52	43	37	49	36	27	23	46	60	54	43	43	43	51	50	49	49	51	45.8
	AVERAGE	81	76	65	73	65	64	64	75	77	67	63	64	64	63	59	56	67	73	46	39	54	71	66	54	41	41	51	48	55	64	55.0	
RESERVE	MAX	81	76	65	73	65	64	64	75	77	67	63	64	64	63	59	56	67	73	46	39	54	71	66	54	41	41	51	48	55	64	55.0	
	MIN	53	42	41	43	41	40	39	52	45	40	38	48	46	46	39	37	40	33	23	23	35	54	41	41	41	41	51	48	46	45	41.5	
	AVERAGE	84	72	74	66	60	59	72	75	71	61	62	64	56	64	55	67	74	56	42	49	74	74	70	58	54	41	40	49	47	55	75	65.4
SAINT BERNARD	MAX	84	72	74	66	60	59	72	75	71	61	62	64	56	64	55	67	74	56	42	49	74	74	70	58	54	41	40	49	47	55	75	65.4
	MIN	58	41	38	48	41	37	47	48	46	40	35	47	46	51	42	33	45	32	22	27	42	56	50	42	41	40	49	48	47	44	49	43.0
	AVERAGE	78	72	72	69	63	63	77	77	75	65	67	67	57	59	56	67	74	56	46	47	72	78	73	73	53	53	70	78	71	52	73	66.4
THI80DAUX 4 ESE	MAX	78	72	72	69	63	63	77	77	75	65	67	67	57	59	56	67	74	56	46	47	72	78	73	73	53	53	70	78	71	52	73	66.4
	MIN	51	35	37	48	32	34	50	49	40	33	35	50	48	50	38	32	48	34	24	23	45	63	42	44	40	40	42	57	46	46	51	42.2
	AVERAGE	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65

DAILY SOIL TEMPERATURES

LOUISIANA
DECEMBER 1981

STATION	DEPTH	TIME	DAY OF MONTH																														AVERAGE	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31
			(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)		(IN)
CALHOUN EXP STATION	4	MAX	63	60	58	60	58	58	56	60	64	60	57	51	50	51	50	54	56	53	47	46	46	58	63	54	48	53	54	53	59	52	50	54.9
		MIN	56	53	51	50	50	49	50	50	53	50	50	50	49	50	47	39	46	47	46	43	43	46	51	48	46	45	46	47	48	46	46	48.1
CLINTON S SE	4	MAX	71	64	59	61	61	59	54	64	67	64	60	54	54	53	53	54	54	53	50	49	47	56	61	57	52	56	55	58	61	55	51	57.0
		MIN	62	57	53	51	54	50	52	53	53	56	54	54	52	52	51	50	51	50	48	47	44	46	56	52	49	49	50	52	54	51	49	51.7
CROWLEY EXP STATION	4	MAX	76	68	64	65	63	63	58	65	71	68	65	64	57	57	64	59	61	51	50	46	-	67	57	47	58	60	61	64	55	50	60.5	
		MIN	56	48	48	50	45	45	51	46	53	53	48	43	43	40	36	35	39	35	35	35	39	52	50	47	43	43	46	45	52	46	46	46.9
HAMMOND S E	4	MAX	74	69	63	66	64	62	62	67	70	65	65	52	54	55	55	58	59	54	43	44	48	57	63	61	47	58	58	63	63	53	52	58.8
		MIN	57	46	43	47	42	47	47	50	46	42	44	49	48	49	45	39	43	38	32	33	33	48	54	46	45	44	46	52	51	45	51	45.2
HOUMA	4	MAX	71	68	65	65	64	61	62	64	65	62	60	59	60	58	58	56	61	58	54	46	50	-	60	60	60	54	57	59	53	58	56	59.5
		MIN	65	57	55	53	54	53	58	57	57	52	53	54	56	55	52	47	46	48	46	43	40	-	56	52	50	49	50	53	49	52	51	52.1
LSU OGAN LEE EXP STA	4	MAX	71	64	61	63	60	60	56	61	65	62	60	58	56	55	55	56	55	56	48	50	49	60	64	57	51	55	55	55	62	54	49	57.5
		MIN	63	57	55	54	52	50	54	55	56	54	52	54	54	53	49	48	46	47	43	41	42	48	56	51	47	45	50	47	54	45	44	50.5
REO RIV VALLEY EXP STA	4	MAX	62	56	55	60	56	55	56	63	65	65	56	55	51	52	51	53	54	51	46	45	46	59	64	55	48	52	55	54	60	55	50	55.0
		MIN	51	46	46	45	47	46	49	51	51	49	50	50	50	45	45	45	46	43	41	41	45	50	47	45	44	45	44	45	48	47	47	46.8
ROSEPINE EXP STN	4	MAX	71	66	61	65	62	62	53	61	67	65	62	63	53	52	50	59	56	52	49	44	49	60	64	57	45	56	58	57	67	58	50	57.9
		MIN	52	45	45	45	42	42	48	51	48	45	45	51	49	48	41	40	40	37	35	34	36	49	46	45	39	38	41	41	50	45	45	43.9
SAINT JOSEPH EXP STA	4	MAX	69	61	57	59	57	57	53	61	66	61	57	51	50	49	58	53	52	52	43	41	44	57	60	53	47	53	54	55	60	53	53	54.7
		MIN	56	50	49	47	47	50	49	49	52	50	49	50	49	48	43	44	43	42	37	37	37	44	53	46	44	44	46	46	48	48	50	46.7
WINNSBORO	4	MAX	65	61	56	58	56	56	53	59	63	58	54	52	49	50	49	51	51	52	44	39	43	57	60	54	57	51	51	51	58	51	49	53.5
		MIN	57	50	49	48	46	46	50	50	53	49	48	49	48	48	45	44	44	44	38	38	38	43	54	48	48	43	46	45	49	45	45	46.7

STATION-NAME	SOIL-TYPE	SOIL-COVER	SLOPE	UNITS
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%	F
CLINTON S SE STATION	BUFF TERRACE	BARE	0 1% TO S	F
CROWLEY EXP STATION	COASTAL PRAIRIE	BARE	0%	F
HAMMONO S E	FINE SANDY LOAM	BARE	0%	F
HOUMA	MOON SILT CLAY LOAM	BARE	0%	F
LSU OGAN LEE EXP STA	REO RIVER ALLUVIAL	BARE	0%	F
REO RIVER VALLEY EXP STA	REO RIVER ALLUVIAL	BARE	0%	F
ROSEPINE EXP STA	FINE SANDY LOAM	BARE	0%	F
SAINT JOSEPH EXP STA	SHARKEY CLAY	BARE	0%	F
WINNSBORO	BLUFF TERRACE	BARE	0%	F

EVAPORATION AND WIND

LOUISIANA
DECEMBER 1981

STATION		DAY OF MONTH																															TOTAL OR AVG		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHWEST	01	EVAP	10	13	12	10	10	08	06	05	10	08	13	07	03	02	-	04	05	-	-	-	-	-	28	16	09	-	08	08	10	12	08	05	2.85B
		WIND	50	76	45	63	24	33	51	28	17	10	95	65	23	29	26	18	79	64	20	73	128	161	37	37	22	43	66	74	40	28	48	1673	
NORTH CENTRAL	02	EVAP	04	13	09	11	12	05	05	03	10	09	08	00	05	05	01	03	09	*	*	*	18	01	15	08	*	07	05	07	14	08	-	2.02B	
		WIND	26	30	16	46	37	9	11	15	15	10	21	21	26	22	35	11	67	62	21	16	58	98	103	33	30	13	25	40	60	28	8	1013	
NORTHEAST	03	EVAP	13	13	11	13	09	10	06	04	11	19	02	12	04	-	02	06	11	-	-	-	13	15	08	01	02	01	10	13	06	11	2.69B		
		WIND	97	55	43	95	50	31	30	47	64	39	53	69	91	51	74	17	102	129	77	73	88	204	119	101	111	28	36	66	114	56	88	2298	
EAST CENTRAL	06	EVAP	16	21	12	11	24	09	02	08	16	12	12	28	-	05	05	08	11	18	06	-	07	18	19	-	-	15	11	17	02	-	3.88B		
		WIND	110	42	18	78	30	6	26	18	48	28	35	87	44	37	129	27	40	170	102	59	108	108	161	43	*	*175	39	94	97	85	2199		
		MAX	79	71	65	69	67	53	65	71	82	68	63	50	50	57	55	60	63	63	51	46	53	64	71	63	44	62	64	68	71	53	61.7		
		MIN	57	44	44	44	42	48	41	54	49	44	43	50	40	46	41	41	42	36	32	30	31	52	51	43	42	43	49	51	51	42	44.0		
SOUTHEAST	09	EVAP	18	20	06	09	-	27	03	05	06	11	11	01	11	-	16	07	04	07	07	08	05	05	08	16	03	03	07	06	10	-	16	2.83B	
		WIND	99	29	12	32	44	19	33	13	14	17	29	38	49	27	45	23	27	73	42	42	74	100	82	74	61	16	22	29	69	80	74	1388	

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES
WIND: IS MEASURED IN MILES
MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

LOUISIANA
DECEMBER 1981

STATION

NORTHWEST
SHREVEPORT WSO AP

01

SNOWFALL
SN ON GND
WTR EQUIV

DAY OF MONTH

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
																			T											

SNOWFALL: INCLUDES SNOW AND ICE
SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL
WATER EQUIVALENT: GIVEN FOR WMS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE
SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES			OBSERVER
							LOCAL STD TIME			
							TEMP	PRECIP	EVAP	
R	ABBEVILLE	00071	VERMILION	29 56	92 03	100	8A		C	CITY OF ABBEVILLE
	ABBEVILLE	00072	VERMILION	29 56	92 03	137	8A			CITY OF ABBEVILLE
	ABBEVILLE	00073	VERMILION	29 56	92 03	180	8A			CITY OF ABBEVILLE
	ABBEVILLE	00074	VERMILION	29 56	92 03	350	8A			CITY OF ABBEVILLE
	ABBEVILLE	00075	VERMILION	29 56	92 03	225	8A			CITY OF ABBEVILLE
	ABBEVILLE	00076	VERMILION	29 56	92 03	140	8A			CITY OF ABBEVILLE
	ABBEVILLE	00077	VERMILION	29 56	92 03	60	8A			CITY OF ABBEVILLE
	ABBEVILLE	00078	VERMILION	29 56	92 03	64	8A			CITY OF ABBEVILLE
	ABBEVILLE	00079	VERMILION	29 56	92 03	105	8A			CITY OF ABBEVILLE
	ABBEVILLE	00080	VERMILION	29 56	92 03	200	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00081	VERMILION	29 56	92 03	370	8A			CITY OF ABBEVILLE
	ABBEVILLE	00082	VERMILION	29 56	92 03	260	8A			CITY OF ABBEVILLE
	ABBEVILLE	00083	VERMILION	29 56	92 03	105	8A			CITY OF ABBEVILLE
	ABBEVILLE	00084	VERMILION	29 56	92 03	110	8A			CITY OF ABBEVILLE
	ABBEVILLE	00085	VERMILION	29 56	92 03	80	8A			CITY OF ABBEVILLE
	ABBEVILLE	00086	VERMILION	29 56	92 03	180	8A			CITY OF ABBEVILLE
	ABBEVILLE	00087	VERMILION	29 56	92 03	125	8A			CITY OF ABBEVILLE
	ABBEVILLE	00088	VERMILION	29 56	92 03	180	8A			CITY OF ABBEVILLE
	ABBEVILLE	00089	VERMILION	29 56	92 03	200	8A			CITY OF ABBEVILLE
	ABBEVILLE	00090	VERMILION	29 56	92 03	80	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00091	VERMILION	29 56	92 03	220	8A			CITY OF ABBEVILLE
	ABBEVILLE	00092	VERMILION	29 56	92 03	230	8A			CITY OF ABBEVILLE
	ABBEVILLE	00093	VERMILION	29 56	92 03	120	8A			CITY OF ABBEVILLE
	ABBEVILLE	00094	VERMILION	29 56	92 03	140	8A			CITY OF ABBEVILLE
	ABBEVILLE	00095	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
	ABBEVILLE	00096	VERMILION	29 56	92 03	35	8A			CITY OF ABBEVILLE
	ABBEVILLE	00097	VERMILION	29 56	92 03	200	8A			CITY OF ABBEVILLE
	ABBEVILLE	00098	VERMILION	29 56	92 03	40	8A			CITY OF ABBEVILLE
	ABBEVILLE	00099	VERMILION	29 56	92 03	150	8A			CITY OF ABBEVILLE
	ABBEVILLE	00100	VERMILION	29 56	92 03	99	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00101	VERMILION	29 56	92 03	50	8A			CITY OF ABBEVILLE
	ABBEVILLE	00102	VERMILION	29 56	92 03	145	8A			CITY OF ABBEVILLE
	ABBEVILLE	00103	VERMILION	29 56	92 03	145	8A			CITY OF ABBEVILLE
	ABBEVILLE	00104	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
	ABBEVILLE	00105	VERMILION	29 56	92 03	50	8A			CITY OF ABBEVILLE
	ABBEVILLE	00106	VERMILION	29 56	92 03	16	8A			CITY OF ABBEVILLE
	ABBEVILLE	00107	VERMILION	29 56	92 03	100	8A			CITY OF ABBEVILLE
	ABBEVILLE	00108	VERMILION	29 56	92 03	360	8A			CITY OF ABBEVILLE
	ABBEVILLE	00109	VERMILION	29 56	92 03	150	8A			CITY OF ABBEVILLE
	ABBEVILLE	00110	VERMILION	29 56	92 03	250	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00111	VERMILION	29 56	92 03	250	8A			CITY OF ABBEVILLE
	ABBEVILLE	00112	VERMILION	29 56	92 03	350	8A			CITY OF ABBEVILLE
	ABBEVILLE	00113	VERMILION	29 56	92 03	80	8A			CITY OF ABBEVILLE
	ABBEVILLE	00114	VERMILION	29 56	92 03	220	8A			CITY OF ABBEVILLE
	ABBEVILLE	00115	VERMILION	29 56	92 03	230	8A			CITY OF ABBEVILLE
	ABBEVILLE	00116	VERMILION	29 56	92 03	120	8A			CITY OF ABBEVILLE
	ABBEVILLE	00117	VERMILION	29 56	92 03	140	8A			CITY OF ABBEVILLE
	ABBEVILLE	00118	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
	ABBEVILLE	00119	VERMILION	29 56	92 03	35	8A			CITY OF ABBEVILLE
	ABBEVILLE	00120	VERMILION	29 56	92 03	200	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00121	VERMILION	29 56	92 03	40	8A			CITY OF ABBEVILLE
	ABBEVILLE	00122	VERMILION	29 56	92 03	150	8A			CITY OF ABBEVILLE
	ABBEVILLE	00123	VERMILION	29 56	92 03	99	8A			CITY OF ABBEVILLE
	ABBEVILLE	00124	VERMILION	29 56	92 03	50	8A			CITY OF ABBEVILLE
	ABBEVILLE	00125	VERMILION	29 56	92 03	145	8A			CITY OF ABBEVILLE
	ABBEVILLE	00126	VERMILION	29 56	92 03	145	8A			CITY OF ABBEVILLE
	ABBEVILLE	00127	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
	ABBEVILLE	00128	VERMILION	29 56	92 03	50	8A			CITY OF ABBEVILLE
	ABBEVILLE	00129	VERMILION	29 56	92 03	16	8A			CITY OF ABBEVILLE
	ABBEVILLE	00130	VERMILION	29 56	92 03	100	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00131	VERMILION	29 56	92 03	360	8A			CITY OF ABBEVILLE
	ABBEVILLE	00132	VERMILION	29 56	92 03	150	8A			CITY OF ABBEVILLE
	ABBEVILLE	00133	VERMILION	29 56	92 03	250	8A			CITY OF ABBEVILLE
	ABBEVILLE	00134	VERMILION	29 56	92 03	250	8A			CITY OF ABBEVILLE
	ABBEVILLE	00135	VERMILION	29 56	92 03	350	8A			CITY OF ABBEVILLE
	ABBEVILLE	00136	VERMILION	29 56	92 03	80	8A			CITY OF ABBEVILLE
	ABBEVILLE	00137	VERMILION	29 56	92 03	220	8A			CITY OF ABBEVILLE
	ABBEVILLE	00138	VERMILION	29 56	92 03	230	8A			CITY OF ABBEVILLE
	ABBEVILLE	00139	VERMILION	29 56	92 03	120	8A			CITY OF ABBEVILLE
	ABBEVILLE	00140	VERMILION	29 56	92 03	140	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00141	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
	ABBEVILLE	00142	VERMILION	29 56	92 03	35	8A			CITY OF ABBEVILLE
	ABBEVILLE	00143	VERMILION	29 56	92 03	200	8A			CITY OF ABBEVILLE
	ABBEVILLE	00144	VERMILION	29 56	92 03	40	8A			CITY OF ABBEVILLE
	ABBEVILLE	00145	VERMILION	29 56	92 03	150	8A			CITY OF ABBEVILLE
	ABBEVILLE	00146	VERMILION	29 56	92 03	99	8A			CITY OF ABBEVILLE
	ABBEVILLE	00147	VERMILION	29 56	92 03	50	8A			CITY OF ABBEVILLE
	ABBEVILLE	00148	VERMILION	29 56	92 03	145	8A			CITY OF ABBEVILLE
	ABBEVILLE	00149	VERMILION	29 56	92 03	145	8A			CITY OF ABBEVILLE
	ABBEVILLE	00150	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00151	VERMILION	29 56	92 03	50	8A			CITY OF ABBEVILLE
	ABBEVILLE	00152	VERMILION	29 56	92 03	16	8A			CITY OF ABBEVILLE
	ABBEVILLE	00153	VERMILION	29 56	92 03	100	8A			CITY OF ABBEVILLE
	ABBEVILLE	00154	VERMILION	29 56	92 03	360	8A			CITY OF ABBEVILLE
	ABBEVILLE	00155	VERMILION	29 56	92 03	150	8A			CITY OF ABBEVILLE
	ABBEVILLE	00156	VERMILION	29 56	92 03	250	8A			CITY OF ABBEVILLE
	ABBEVILLE	00157	VERMILION	29 56	92 03	250	8A			CITY OF ABBEVILLE
	ABBEVILLE	00158	VERMILION	29 56	92 03	350	8A			CITY OF ABBEVILLE
	ABBEVILLE	00159	VERMILION	29 56	92 03	80	8A			CITY OF ABBEVILLE
	ABBEVILLE	00160	VERMILION	29 56	92 03	220	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00161	VERMILION	29 56	92 03	230	8A			CITY OF ABBEVILLE
	ABBEVILLE	00162	VERMILION	29 56	92 03	120	8A			CITY OF ABBEVILLE
	ABBEVILLE	00163	VERMILION	29 56	92 03	140	8A			CITY OF ABBEVILLE
	ABBEVILLE	00164	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
	ABBEVILLE	00165	VERMILION	29 56	92 03	35	8A			CITY OF ABBEVILLE
	ABBEVILLE	00166	VERMILION	29 56	92 03	200	8A			CITY OF ABBEVILLE
	ABBEVILLE	00167	VERMILION	29 56	92 03	40	8A			CITY OF ABBEVILLE
	ABBEVILLE	00168	VERMILION	29 56	92 03	150	8A			CITY OF ABBEVILLE
	ABBEVILLE	00169	VERMILION	29 56	92 03	99	8A			CITY OF ABBEVILLE
	ABBEVILLE	00170	VERMILION	29 56	92 03	50	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00171	VERMILION	29 56	92 03	145	8A			CITY OF ABBEVILLE
	ABBEVILLE	00172	VERMILION	29 56	92 03	145	8A			CITY OF ABBEVILLE
	ABBEVILLE	00173	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
	ABBEVILLE	00174	VERMILION	29 56	92 03	50	8A			CITY OF ABBEVILLE
	ABBEVILLE	00175	VERMILION	29 56	92 03	16	8A			CITY OF ABBEVILLE
	ABBEVILLE	00176	VERMILION	29 56	92 03	100	8A			CITY OF ABBEVILLE
	ABBEVILLE	00177	VERMILION	29 56	92 03	360	8A			CITY OF ABBEVILLE
	ABBEVILLE	00178	VERMILION	29 56	92 03	150	8A			CITY OF ABBEVILLE
	ABBEVILLE	00179	VERMILION	29 56	92 03	250	8A			CITY OF ABBEVILLE
	ABBEVILLE	00180	VERMILION	29 56	92 03	250	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00181	VERMILION	29 56	92 03	350	8A			CITY OF ABBEVILLE
	ABBEVILLE	00182	VERMILION	29 56	92 03	80	8A			CITY OF ABBEVILLE
	ABBEVILLE	00183	VERMILION	29 56	92 03	220	8A			CITY OF ABBEVILLE
	ABBEVILLE	00184	VERMILION	29 56	92 03	230	8A			CITY OF ABBEVILLE
	ABBEVILLE	00185	VERMILION	29 56	92 03	120	8A			CITY OF ABBEVILLE
	ABBEVILLE	00186	VERMILION	29 56	92 03	140	8A			CITY OF ABBEVILLE
	ABBEVILLE	00187	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
	ABBEVILLE	00188	VERMILION	29 56	92 03	35	8A			CITY OF ABBEVILLE
	ABBEVILLE	00189	VERMILION	29 56	92 03	200	8A			CITY OF ABBEVILLE
	ABBEVILLE	00190	VERMILION	29 56	92 03	40	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00191	VERMILION	29 56	92 03	150	8A			CITY OF ABBEVILLE
	ABBEVILLE	00192	VERMILION	29 56	92 03	99	8A			CITY OF ABBEVILLE
	ABBEVILLE	00193	VERMILION	29 56	92 03	50	8A			CITY OF ABBEVILLE
	ABBEVILLE	00194	VERMILION	29 56	92 03	145	8A			CITY OF ABBEVILLE
	ABBEVILLE	00195	VERMILION	29 56	92 03	145	8A			CITY OF ABBEVILLE
	ABBEVILLE	00196	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
	ABBEVILLE	00197	VERMILION	29 56	92 03	50	8A			CITY OF ABBEVILLE
	ABBEVILLE	00198	VERMILION	29 56	92 03	16	8A			CITY OF ABBEVILLE
	ABBEVILLE	00199	VERMILION	29 56	92 03	100	8A			CITY OF ABBEVILLE
	ABBEVILLE	00200	VERMILION	29 56	92 03	360	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00201	VERMILION	29 56	92 03	150	8A			CITY OF ABBEVILLE
	ABBEVILLE	00202	VERMILION	29 56	92 03	250	8A			CITY OF ABBEVILLE
	ABBEVILLE	00203	VERMILION	29 56	92 03	250	8A			CITY OF ABBEVILLE
	ABBEVILLE	00204	VERMILION	29 56	92 03	350	8A			CITY OF ABBEVILLE
	ABBEVILLE	00205	VERMILION	29 56	92 03	80	8A			CITY OF ABBEVILLE
	ABBEVILLE	00206	VERMILION	29 56	92 03	220	8A			CITY OF ABBEVILLE
	ABBEVILLE	00207	VERMILION	29 56	92 03	230	8A			CITY OF ABBEVILLE
	ABBEVILLE	00208	VERMILION	29 56	92 03	120	8A			CITY OF ABBEVILLE
	ABBEVILLE	00209	VERMILION	29 56	92 03	140	8A			CITY OF ABBEVILLE
	ABBEVILLE	00210	VERMILION	29 56	92 03	255	8A			CITY OF ABBEVILLE
R	ABBEVILLE	00211	VERMILION	29 56	92 03	35	8A			CITY OF ABBEVILLE
	ABBEVILLE	00212	VERMILION	29 56	92 03	200	8A			CITY OF ABBEVILLE
	ABBEVILLE	00213	VERMILION	29 56	92 03					

LOUISIANA
DECEMBER 1981

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

RESULTANT WIND: The vector sum of wind velocity (direction and speed) divided by the number of observations. In "Supplemental Data" tables, resultant directions are in tens of degrees.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- ++ Highest observed one minute wind speed. The station is not equipped with an instrument to measure fastest mile.
- * Gage not read. The precipitation included in the amount following the asterisks. Time distribution not known.
- // Gage equipped with a windshield.
- ~ Extreme occurred at a station with incomplete data. It may have been exceeded at that station.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading.
- B Adjusted monthly value of evaporation. Total evaporation amount is divided by number of recorded days, multiplied by number of days in the month.
- O Water equivalent of snowfall entirely or partially estimated, using a ratio of 1 inch water to every 10 inches of new snowfall.
- M Missing data. It appears with the average temperature in the "Monthly Summarized Station and Divisional Data" table if less than 10 days data are missing and it appears alone if 10 or more days are missing.
- R Amounts from recording gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Monthly Snowfall and Snow on Ground" table.
- J Observations appear in "Supplemental Data" table.
- M10 Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- M0 Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months.
- W1 Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Late Reports and Corrections will be published annually as a supplemental bulletin.

Interpolated values for monthly precipitation totals may be found in the annual issue of this bulletin.

Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE THRU:
THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE N.C. 28801
ATTN: PUBLICATIONS

SPECIAL WEATHER SUMMARY

December 1981 in Louisiana...Cold with below normal rainfall northwest and normal precipitation southeast.

Highlights

The Louisiana average temperature for December 1981 was 49.4°, which is 2.4° below normal and ties as the 18th coldest on record. The lowest reported temperature in the State was 13° at Ashland on the 19th, and the highest was 84° on the 1st at St. Bernard. The State average rainfall was 3.75 inches, which is 1.31 inches below normal, and ranks as the 21st driest on record. The highest precipitation for the month was 8.56 inches at Oaknolia in east central Louisiana, and the lowest .45 at Hosston.

Analysis of Synoptic Weather Types

The upper air flow continued to control the weather and climate patterns over Louisiana during December. From the 2d through the 20th, the trough in the westerlies aloft was almost always along the east coast or somewhat westward over the Appalachians and the eastern section of the Mississippi River Valley. Most of this time, the trough was essentially to the east of Louisiana, and the flow aloft was from westerly to northerly directions. Associated weather included mostly Continental Index types (Continental High and Frontal Overrunning, the latter more common along coastal sections), and the climate for this period was colder than normal. This circulation pattern ended with the near-record breaking polar outbreak on the 19th and 20th.

After the 21st, a trough was usually located to the west of Louisiana over the Great Plains and Rockies, and much of the time the upper-air flow was from the southwest towards the northeast. This pattern produced frequent frontal passages over Louisiana; sultry weather (Gulf Return and Frontal Gulf Return) was interrupted by fair and mild weather (Pacific High) after the fronts. Many residents enjoyed the near "tropical" weather in December, but others wished for crisp weather associated with the holidays in the North.

The preliminary analysis of synoptic weather types over southeastern Louisiana for December 1981, shows the following frequencies, with the 20-year average for 1961-1980 included for comparison. Average frequencies for January are also shown.

Synoptic Weather Types

	December 1981	December 1961-80	January 1961-80
Pacific High (PH)	17	4	3
Continental High (CH)	26	26	22
Frontal Overrunning (FOR)	32	31	38
Coastal Return (CR)	3	8	7
Gulf Return (GR)	6	10	11
Frontal Gulf Return (FGR)	13	17	14
Gulf Tropical Disturbance (GTD)	0	0	0
Gulf High (GH)	3	4	4
Continental Index (CH+FOR)	58	57	60
Tropical Index (GR+FGR)	19	27	25
Storminess Index (FOR+FGR+GTD)	45	48	52

In synoptic weather type terms, the month was near average. The most unusual feature was that the frequency of Pacific High (PH) weather, 17 percent, was the highest of the data series from 1961 to date for December. Both Gulf Return (GR) and Frontal Gulf Return (FGR) were below normal, and the Tropical Index (TI) of 19 percent was the 7th lowest of the data series. The Storminess Index (SI) was slightly below average. Hence, temperatures over the State were a little bit below average, and precipitation was near average over southern sections, where Frontal Overrunning (FOR) occurred more frequently, and below average over northern sections, where Continental High (CH) weather often replaced the Frontal Overrunning to the South.

Two new record lows were established at Monroe NLU with 17° on the 19th and 20° on the 20th. A new record low was set at Lake Charles with 32° on the 5th, and record low was tied with 25° on the 19th. New Orleans Moisant tied its record low with 27° on the 19th. No record lows were established at Baton Rouge or Shreveport; however, 79° on the 22nd in Shreveport set a new record high temperature for that date. Except for south central and southeast Louisiana, climate divisions were significantly colder than normal.

After above normal temperatures in November and the first quarter of December, many later than normal first freezes for the 1981/82 fall winter season occurred during December. Except for a few locations in north Louisiana during October, the extreme southeastern part of the State was the only area to have earlier than normal first freezes.

Dr. Robert A. Muller, State Climatologist
Department of Geography and Anthropology
LSU, Baton Rouge, LA 70803

LOUISIANA

See Reference Notes Following Station Index

See Reference Notes Following Station Index

LATE REPORTS DAILY PRECIPITATION

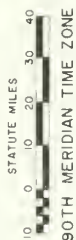
LOUISIANA

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • JANUARY 1981																																
HAMMOND S E	1.47							.46													T	.19									.82	
LOUISIANA NATURE CTR	.74							.34							T						.35	T									.05	
SAINT FRANCISVILLE	1.61							.72		.01					T						.85	.02									.01	
• • • OCTOBER 1981																																
BATON ROUGE CENTRAL	1.92	1.30									.05				.05	.03			.06						.10		.33					

LOUISIANA

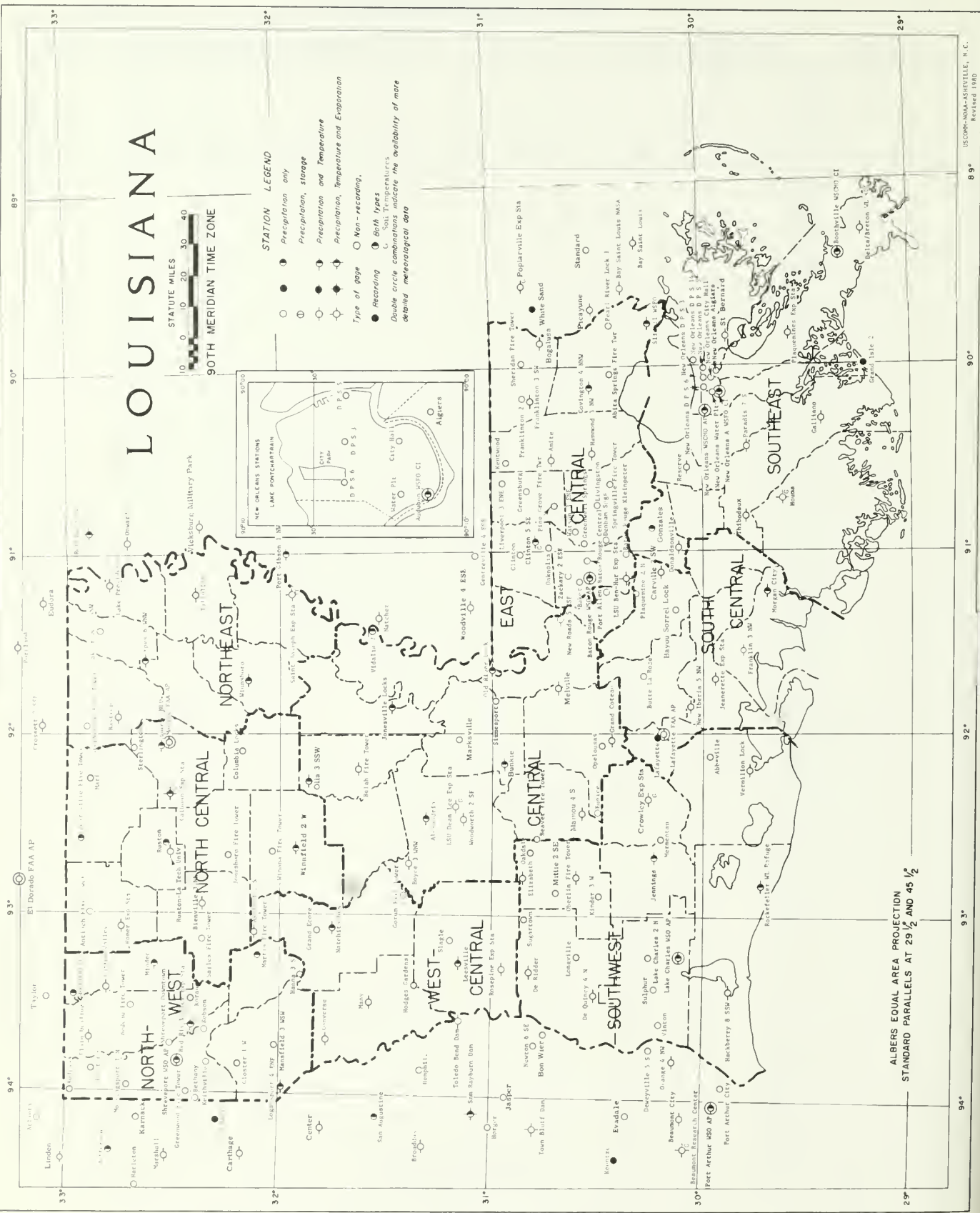
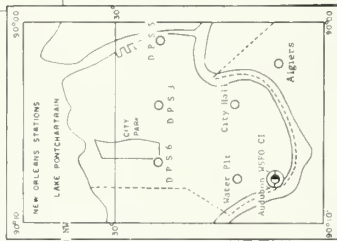
See Reference Notes Following Station Index

LOUISIANA



STATION LEGEND

- Precipitation only
 - Precipitation, storage
 - Precipitation and Temperature
 - Precipitation, Temperature and Evaporation
 - Non-recording
 - Recording
 - Both types
 - Soil Temperatures
- Double circle combinations indicate the availability of more detailed meteorological data



ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA AND INFORMATION SERVICE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210
THIRD CLASS
BULK RATE



CLIMATOLOGICAL DATA

ANNUAL SUMMARY



LOUISIANA

1981

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801."

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

LOUISIANA
1961

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
NORTHWEST 01																										
COTTON VALLEY	42.0		46.7		53.8		68.8		67.8		80.0		83.0		81.2		72.9		63.1		55.2		44.5		63.3	
LOGANSPOUT W NE	45.1		51.5		57.2		71.3		71.1		81.3		81.5		82.1		74.7		66.4		57.7		48.3		65.9	
MINDEN	42.7	- 3.6	48.2	- 1.4	55.1	- 1.6	70.3	4.4	68.7	- 3.8	80.7	- 1.4	83.8	- 1.5	81.8	- 3.3	71.7	- 2.5	64.6	- 1.6	57.0	1.8	46.1	- 1.9	64.4	- .5
PLAIN DEALING	42.0	- 2.9	46.2	- 2.1	52.9	- 1.6	67.1	2.5	66.6	- 5.2	78.4	1.4	81.3	- 6.7	79.7	- 2.3	72.9	- 3.0	62.5	- 3.1	55.3	1.0	44.5	- 2.6	62.5	- 1.7
RED RIV VALLEY EXP STN	42.9		47.6		54.5		69.3		68.9		80.7		83.7		81.6		73.5		64.2		57.4		46.1		64.2	
SHREVEPORT WSO AP	44.7	- 2.5	49.8	- .7	56.0	- .8	70.0	3.6	69.2	- 4.2	80.2	.0	82.8	- 4.8	81.1	- 1.9	73.9	- 3.5	65.0	- 2.5	56.8	.6	46.9	- 2.3	64.7	- 1.2
DIVISION	43.2	- 3.0	48.3	- 1.3	54.9	- .8	69.5	4.0	68.7	- 3.7	80.2	1.0	83.0	- 7.8	81.3	- .8	73.6	- 2.5	64.3	- 1.8	56.6	1.4	46.1	- 2.1	64.1	- .8
NORTH CENTRAL 02																										
RIENVILLE 3 NE	44.1		49.4		56.0		70.4		69.7		81.6		84.5		82.0		74.5		64.6		57.3		46.3		65.0	
CALHOUN EXP STATION	42.9	- 4.0	48.0	- 2.1	54.9	- 1.5	69.7	3.8	68.5	- 4.4	80.5	.8	84.0	1.7	82.2	- 2.7	73.7	- 2.5	63.6	- 2.4	56.9	1.2	45.2	- 3.6	64.2	- 1.1
HOMER EXP STATION	42.0		46.3		53.2		68.4		67.2		79.2		82.7		80.1		73.0		63.4		56.1		44.4		63.0	
MONROE FAA AP	44.2	- 2.5	49.5	- .3	55.0	- 1.1	71.4	5.5	71.0	- 2.3	83.2	3.1	83.7	1.4	81.4	- .3	77.3	1.4	66.1	.3	58.4	3.4	44.0	- 4.3	65.4	.3
MONROE NLU	42.1		48.0		54.5		69.5		68.4		80.6		83.4		81.5		73.7		64.2		56.7		44.9		63.9	
RUSTON-LA TECH UNIV	42.8	- 3.0	47.9	- 1.2	55.4	- .0	69.6	4.4	68.8	- 3.4	80.3	1.3	83.7	2.1	81.7	- .4	77.9	- 1.8	64.2	- 1.4	59.1	3.1	45.8	- 1.9	64.4	- .1
WINFIELD 2 W	43.5	- 4.9	50.8	- .7	56.6	- 1.2	70.2	3.1	69.6	- 3.8	80.4	.6	83.0	- 8.8	81.5	- .8	74.1	- 2.6	65.2	- 1.4	57.8	1.6	46.8	- 2.9	65.0	- 1.0
DIVISION	43.1	- 3.6	48.6	- 1.3	55.1	- 1.0	69.9	4.1	69.0	- 3.7	80.8	1.4	83.6	1.6	81.5	- .1	74.3	- 1.6	64.5	- 1.6	57.3	1.8	45.3	- 3.1	64.4	- .6
NORTHEAST 03																										
BASTROP	44.3	- 2.5	51.3	1.4	57.0	.3	71.9	5.4	71.2	- 2.4	82.3	1.8	83.3	- .1	83.1	.6	76.3	- .4	66.1	- 1.0	57.2	.7	46.9	- 1.8	65.9	.2
EPSS 6 NW	42.4		48.6		55.0		71.3		70.4		82.2		84.0		82.2		74.9		64.9		57.3		45.5		64.9	
LAKE PROVIDENCE	41.8	- 4.2	47.7	- 1.4	55.4	- .4	70.7	4.7	70.3	- 3.4	81.9	1.3	83.9	1.0	82.3	- .1	75.0	- 1.9	64.6	- 2.4	56.9	1.2	44.8	- 3.1	64.6	- .7
SAINT JOSEPH EXP STN	43.3	- 4.8	49.3	- 1.7	55.7	- 1.5	71.4	5.0	70.8	- 2.4	81.7	2.1	83.9	1.1	82.0	.7	71.6	- 2.3	65.6	- .3	58.2	2.0	46.8	- 1.1	65.2	- .4
TALLULAH	41.9	- 4.9	48.1	- 1.9	54.7	- 1.7	70.5	4.6	69.7	- 2.7	80.9	2.1	82.5	1.5	80.5	.3	73.1	- 1.8	64.3	- .4	57.3	2.3	45.1	- 3.4	64.1	- .5
WINNSBORO	42.9	- 4.7	48.3	- 2.2	54.8	- 2.2	71.1	4.7	69.8	- 3.6	81.0	1.1	83.9	1.4	82.5	.5	74.7	- 1.7	65.4	- 1.1	57.7	1.6	45.9	- 3.5	64.8	- .8
DIVISION	42.8	- 4.0	48.9	- 1.0	55.4	- 1.0	71.2	5.0	70.4	- 3.0	81.7	1.7	83.6	1.2	82.1	.3	74.6	- 1.7	65.2	- 1.1	57.4	1.5	45.8	- 2.9	64.9	- .4
WEST CENTRAL 04																										
ASHLAND	42.3		47.3		54.6		68.9		67.7		79.5		81.8		81.2		72.3		63.5		56.6		44.4		63.3	
CONVERSE	43.3		47.9		54.4		69.0		68.3		80.2		81.8		81.4		72.7		65.5		56.8		46.4		64.0	
LEESVILLE	45.3	- 4.4	50.6	- 2.4	57.7	- .7	71.2	4.2	71.3	- 1.9	81.4	2.3	83.3	1.9	82.6	1.2	75.4	- 1.0	67.3	- 2.3	60.3	3.1	48.7	- 2.6	66.3	.0
MARY	43.6		48.7		55.5		70.0		70.1		81.1		83.6		81.6		73.4		65.4		56.4		46.6		64.7	
NATCHITOCHES	43.3	- 6.1	48.1	- 4.5	56.0	- 2.6	69.9	2.4	69.3	- 4.8	81.0	.6	84.0	1.1	83.5	.7	75.5	- 2.0	65.7	- 1.9	58.7	1.4	47.7	- 3.5	65.2	- 1.6
ROSEBINE EXP STATION	45.0		50.2		57.2		70.5		71.1		80.7		82.6		82.4		75.2		67.3		60.2		48.7		65.9	
DIVISION	43.8	- 5.2	48.8	- 3.3	55.9	- 2.0	69.9	3.1	69.6	- 3.7	80.7	1.2	82.8	.8	82.1	.3	74.1	- 2.5	65.8	- 1.3	58.2	1.2	47.1	- 3.6	64.9	- 1.3
CENTRAL 05																										
ALEXANDRIA	45.1		49.7		57.3		71.3		71.2		81.5		84.0		83.0		76.2		66.5		60.1		48.3		66.2	
BELAM FIRE TOWER	45.1		50.4		57.6		71.7		70.8		81.1		83.6		83.0		76.0		66.9		59.9		47.5		66.2	
BOYCE 3 NW	45.5		50.0		57.3		70.6		70.7		80.3		83.6		84.1		75.9		65.4		59.2		48.3		66.0	
BUNKIE	45.0	- 4.7	50.6	- 2.0	58.2	- .1	72.3	4.8	72.2	- 2.0	82.4	2.2	84.2	2.1	82.9	1.2	75.6	- 1.2	67.4	- .1	60.4	2.6	48.8	- 2.8	66.7	.0
GRAND COTEAU	47.0		53.7		59.6		72.9		73.5		81.9		83.1		82.6		77.0		69.9		63.1		51.6		68.0	
JONESVILLE LOCKS	44.1		49.3		56.6		71.5		71.0		81.0		83.4		82.6		75.4		66.5		59.2		47.7		65.7	
LSU OCEAN LEE EXP STN	45.1		50.2		57.2		70.1		70.8		81.4		83.0		81.9		74.9		66.8		59.1		48.3		65.7	
MAHOU 4 S	49.9		55.2		62.7		75.7		75.5		84.2		86.1		84.8		78.5		71.8		64.2		53.9		70.1	
MELVILLE	44.8	- 7.0	51.6	- 3.0	58.0	- 1.3	71.6	3.3	71.4	- 3.0	81.5	1.6	82.7	1.0	82.2	.8	75.4	- 1.6	68.1	- .1	60.6	1.9	49.4	- 4.2	66.5	- 1.0
NEW ROADS 5 ESE	45.7		51.4		58.3		72.1		72.0		81.7		83.4		82.7		76.0		68.2		61.4		50.2		67.0	
OLD RIVER LOCK	44.5		51.1		57.5		71.2		70.4		80.9		82.6		81.8		75.6		67.6		60.2		49.5		66.1	
OLLA 3 SW	42.3		48.2		54.5		69.7		68.7		80.0		82.8		81.8		73.9		64.3		56.9		45.3		64.0	
WOODWORTH 2 SE	44.4		50.8		58.7		72.6		71.2		81.8		83.1		82.2		75.0		66.0		59.3		47.8		66.1	
DIVISION	45.3	- 4.8	50.9	- 2.2	58.1	- .7	71.7	4.0	71.5	- 2.6	81.5	1.5	83.6	1.7	82.7	1.0	75.8	- 1.2	67.3	- .4	60.3	2.4	49.0	- 2.9	66.5	- .3
EAST CENTRAL 06																										
AMITE	45.7	- 4.8	51.9	- 1.4	58.2	- 1.0	71.5	3.8	71.7	- 2.4	82.1	2.2	83.8	2.2	82.9	1.6	76.1	- 1.1	68.7	- .8	62.4	4.5	50.3	- 1.6	67.1	.2
BATON ROUGE WSO AP	46.2	- 4.8	52.8	- 1.1	59.1	- .6	72.0	3.6																		

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

LOUISIANA
1981

Table 1-Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
DELTA-BRETON WL REF	48.6		51.7		59.3		71.4		75.2		81.3		83.9		82.9		78.9		73.0		65.7		56.1		69.0	
DONALDSONVILLE	47.4	- 6.4	53.5	- 3.0	61.2	- .7	72.4	2.5	75.3	- 2.7	82.2	1.1	83.8	1.3	82.4	.0	77.2	- 1.5	69.4	- .8	63.5	2.8	52.4	- 3.2	68.2	- .9
GALLIANO	47.7		53.6		61.0		72.5		74.2		83.8		84.6		83.8		78.9		71.9							
GOLOFN HEAD																										
HOUMA	47.7	- 7.5	53.6	- 4.1	60.3	- 2.0	72.7	2.9	73.9	- 1.5	82.5	2.2	83.5	1.9	82.5	.9	77.5	- .8	70.9	.6	64.7	3.1	54.5	- 2.5	68.7	- .6
LOUISIANA NATURE CTR	47.3		53.0		61.0		72.7		75.5		82.4		84.2		83.0		77.0		70.5		63.6		53.5		68.5	
NEW ORLEANS WSCMO AP	48.5	- 4.4	55.3	- .8	61.9	1.2	71.4	2.8	74.8	- .3	83.8	3.4	85.0	3.1	83.1	1.2	77.9	- .3	71.1	1.3	64.9	4.8	54.5	- .3	69.4	1.1
N O ABBON WFO CI	50.4	- 3.4	57.1	.7	63.8	2.5	75.1	5.6	76.4	.8	83.9	2.9	85.8	3.4	85.1	2.8	79.9	.8	73.2	2.4	67.7	6.4	56.9	1.0	71.3	2.2
PARADIS 7 S	47.5		54.0		59.8		72.0		73.4		82.0		83.7		82.1		76.8		70.2		64.5		54.1		68.3	
PLAQUEMINES EXP STN	48.1		54.0		60.8		72.4		74.5		83.1		84.4		82.4		77.4		72.5		66.6		55.7		69.3	
RESERVE	47.4	- 4.3	52.6	- 1.8	59.5	- .2	71.9	3.4	72.2	- 3.0	81.9	1.0	83.6	1.2	82.8	.5	77.0	- 1.3	70.6	.9	63.2	3.6	53.3	- .3	68.0	.0
SAINT BERNARD	47.9		53.6		59.4		72.2		74.5		83.4		84.5		82.3		77.1		70.4		64.7		54.2		68.7	
THIBODAUX 4 FSE	47.2	- 7.1	54.1	- 2.6	60.9	- .5	74.3	5.3	74.4	- .4	83.9	3.8	85.2	3.5	83.0	1.3	76.9	- 1.2	70.7	1.0	64.9	4.1	54.3	- 1.7	69.2	.5
DIVISION	48.0	- 6.4	54.1	- 2.6	60.7	- .8	72.6	3.3	74.0	- 1.5	82.8	2.1	84.3	2.1	83.0	.8	77.8	- 1.1	71.3	.3	65.2	3.6	54.8	- 1.4	69.1	- .1

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

LOUISIANA
1981

TABLE 2

STATION		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
NORTHWEST 01																											
BETHANY		1.31	4.73			3.61		2.09		11.17		7.53		2.49		2.49		6.81		5.84		1.89		1.04		51.20	
BODCAU FIRE TOWER		2.23	4.20			5.98		2.53		7.85		5.82		7.14		6.24		3.89		8.53		2.10		1.21		57.52	
COTTON VALLEY		1.37	4.89			3.76		2.62		6.78		5.47		4.55		3.12		.94		7.03		1.63		.76		42.92	
COSHATTA 5 S		-	-			-		-		-		-		-		-		-		7.62		1.06		-		-	
GLDSTER 1 N		1.59	2.55			4.89		1.58		8.67		10.43		2.82		.91		1.67		-		-		-		-	
GREENWOOD FIRE TOWER		1.55	4.23			4.49		3.52		12.90		6.85		4.42		2.60		6.73		6.97		2.30		1.81		58.27	
HANNA 3 S		2.25	2.91			4.67		1.44		6.31		6.69		3.11		.45		3.02		1.70		.58		1.41		36.94	
HOSSTON		1.44	1.56			3.22		2.80		7.91		7.50		4.06		3.25		.45		5.28		2.59		.52		40.57	
KEITHVILLE		1.47	2.95			4.57		3.17		9.40		6.90		2.12		.76		3.07		7.43		1.46		1.05		44.98	
KOPAN		1.49	2.73			3.65		3.97		7.71		5.49		2.46		3.62		4.58		4.52		1.62		.80		42.74	
LOGANSRORT 4 ENC		1.58-2.88	4.13	.00		3.91-	.45	1.28-	3.61	5.84-	.56	7.86	4.03	2.43-	.37	2.50-	.43	2.94-	.72	5.61	2.36	1.77-	2.02	.89-	7.61	41.14-	8.64
MANSFIELD 3 WSW		1.68	3.74			3.67		.69		9.08		7.62		.66		3.31		4.05		5.74		1.71		1.40		42.85	
MARTIN FIRE TOWER		2.21	2.62			4.88		2.85		6.02		6.72		6.15		2.92		3.48		5.60		1.90		.73		45.38	
MINDEN		1.49-3.22	3.08-	1.36		4.41-	.09	2.79-	2.08	8.83	3.39	4.94	1.48	4.23	.25	3.54	.77	4.24	1.03	5.09	2.10	1.08-	2.88	1.05-	3.61	44.70-	4.72
MORRISPORT 1 N		1.47	3.42			3.10		2.10		7.02		7.85		3.49		3.70		2.24		8.44		3.43		.42		46.68	
PLATIN DEALING		1.33-2.82	2.77-	1.34		4.35-	.13	1.74-	4.28	8.64	3.56	5.57	2.29	4.69	1.18	4.49	1.43	4.90-	2.47	5.65	2.83	3.05-	.80	1.63-	2.72	44.81-	3.29
RED RIV VALLEY EXP STN		1.45	2.61			4.77		1.81		8.45		5.82		2.53		2.87		2.80		9.82		1.34		1.02		44.57	
ROBSON		1.40	2.64			4.54		1.90		8.91		7.43		3.19		1.75		3.60		7.68		1.21		.70		45.25	
RODESSA		1.24-2.51	1.33-	2.76		3.76-	1.06	1.82-	3.56	12.38	7.29	10.07	6.68	2.54-	.41	2.76-	.10	5.44-	2.65	7.68	4.62	1.94-	2.12	.58-	3.69	46.21-	.17
SHREVEPORT DOWNTOWN		1.28	3.66			3.59		1.07		7.82		6.88		2.69		3.60		4.44		7.87		.78		.77		44.35	
SHREVEPORT WSD AP		1.47-2.61	3.83	.12		3.33-	.77	1.97-	3.22	9.76	4.92	6.45	3.11	2.36-	.53	.94-	1.74	3.32	.25	6.13	2.73	1.49-	2.08	.59-	1.60	41.30-	3.42
SPRINGHILL		2.32	3.75			4.13		2.08		8.89		3.93		3.15		1.12		2.27		7.99		1.27		1.00		42.30	
DIVISION		1.44-	2.97	3.55-	.67	4.02-	.44	2.04-	3.09	8.98	2.67	6.02	2.59	3.54	.08	2.91-	.20	2.45-	1.03	6.47	3.54	1.71-	2.21	1.01-	3.47	43.24-	5.20
NORTH CENTRAL 02																											
ANTIOCH FIRE TOWER		1.71	3.77			5.46		4.47		8.25		5.82		4.71		2.70		1.75		7.77		3.68		.93		50.62	
BIENVILLE 3 NC		2.90	2.69			6.08		2.13		7.01		6.05		4.76		2.18		4.76		5.58		1.74		1.63		47.51	
CALHOUN EXP STATION		1.14-2.99	2.13-	2.52		4.27-	.49	1.00-	3.96	5.12-	.19	2.87-	.71	1.12-	2.18	1.65-	.84	2.23-	.89	5.22	2.25	1.53-	2.62	1.51-	3.20	31.35-	18.33
COLUMBIA LOCKS		2.03	3.70			4.62		.86		4.22		4.74		2.93		.80		.77		3.51		1.68		2.56		32.22	
HOMER EXP STATION		1.54	2.89			4.85		1.73		7.88		4.71		5.13		3.54		2.54		5.98		1.45		.88		43.36	
JONESBORO FIRE TOWER		2.76	2.79			4.65		3.02		7.17		5.96		3.4		7.91		3.54		5.09		2.15		1.97		46.03	
MARION		1.31	2.88			4.96		2.92		9.97		8.21		1.54		2.27		4.23		4.42		1.50		.92		47.17	
MONROE FAR AP		1.94-2.67	3.76-	1.07		5.06	.17	2.33-	2.87	3.25-	1.54	2.47-	1.34	2.22-	2.44	3.04	.62	1.39-	1.42	4.16	1.60	2.33-	1.91	1.42-	3.38	33.37-	16.25
MONROE NLU		1.75	4.02			4.45		1.11		5.69		2.96		1.67		2.47		1.67		4.16		2.44		1.72		34.34	
RUSTON		1.90	2.64			4.42		3.32		6.01		3.71		2.74		2.62		1.50		-		-		-		-	
RUSTON-LA TECH UNIV		2.70-2.82	3.01-	1.75		5.14	.34	3.03-	2.26	5.47-	.58	4.27	.38	1.48-	2.54	3.54	.48	1.88-	1.82	5.48	2.43	2.15-	1.94	1.45-	3.53	38.88-	13.61
SAILES FIRE TOWER		1.91	2.70			5.19		1.87		6.31		7.44		2.05		3.04		6.95		4.65		1.31		1.40		44.82	
SPEARSVILLE FIRE TOWER		1.40	3.04			4.95		2.59		10.46		9.17		2.37		3.49		2.89		7.14		1.34		1.17		51.92	
STERLINGTON		1.53-2.91	2.54-	2.22		3.82-	.96	1.30-	3.83	4.11-	.74	4.17	.74	2.70-	2.04	3.66	.79	3.47	.75	6.10	2.29	2.86-	1.38	1.53-	3.30	36.59-	12.81
WINFIELD 2 W		1.64-3.59	2.72-	2.39		5.41	.37	.50-	4.93	4.52-	1.23	6.48	2.10	3.37-	1.74	1.24-	2.19	.98-	3.01	4.41	1.74	1.75-	2.66	2.06-	2.80	35.08-	20.32
WINDON FIRE TOWER		2.55	3.42			5.19		1.30		5.74		8.56		4.42		1.51		1.62		8.73		2.17		2.69		48.45	
DIVISION		1.93-2.83	3.03-	1.82		5.04	.19	1.70-	3.50	5.56	.18	4.26	.32	2.92-	1.55	2.50-	.55	2.21-	1.31	5.03	2.28	1.94-	2.23	1.53-	3.73	37.70-	14.15
NORTHEAST 03																											
BASTROP		1.43-3.25	2.33-	2.72		5.41	.33	2.59-	2.52	6.04	1.38	2.56-	.96	2.22-	2.32	3.41	.56	1.61-	1.15	4.44	1.70	2.57-	2.03	2.16-	2.83	37.47-	13.81
EPPS 6 WNW		1.80	3.32			4.19		1.22		5.24		3.53		3.78		1.92		1.40		3.22		1.84		.25		33.71	
LAKE PROVIDENCE		1.89-3.43	4.98-	.52		3.91-	1.72	1.54-	3.57	4.95	.51	3.52-	.09	4.11	.07	4.55-	2.98	1.98-	1.11	3.60	1.15	2.75-	1.84	2.81-	2.50	32.69-	16.03
OAK GROVE 2 WSW		1.67	3.09			4.55		1.06		5.30		3.92		4.55		1.11		1.06		2.90		1.75		1.91		32.67	
SAINT JOSEPH EXP STN		4.00-	.92	3.77-	1.74	5.78-	.08	1.33-	3.19	5.28	.47	3.84	.30	2.32-	1.83	1.83-	1.24	2.79	.18	2.17-	.29	2.06-	2.04	5.12	.03	39.81-	10.37
STEVENSON FIRE TOWER		1.41	2.33			5.18		2.95		6.41		4.76		2.71		2.20		2.50		4.15		1.32		.7		37.92	
TALLULAH		2.37-2.32	4.42-	.60		6.65	.74	.59-	4.69	6.06	1.44	8.08	4.55	8.45													

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

LOUISIANA
1961

TABLE 2		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
STATION		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
WORTH 2 SE		1.57-	3.45	2.66-	7.75	4.21-	1.31	1.83-	1.65	9.76	1.54	6.84	2.37	3.40-	1.45	4.48	.76	1.33-	2.74	3.70	.21	2.26-	2.98	4.46-	1.97	46.22-	12.92
DIVISION		1.49-	3.15	3.99-	1.99	4.51-	.92	1.56-	1.69	7.17	1.43	6.55	2.14	4.41-	.62	2.72-	1.76	2.52-	1.44	3.68	.76	3.02-	1.37	4.23-	1.52	46.50-	10.63
EAST CENTRAL	06																										
ARITA SPRINGS F T 2		1.36		10.50		4.32		.77		6.19		2.90		4.74		7.34		1.14		1.15		.86		6.06		46.65	
ARITA		.75		7.65		3.29		1.00		6.73		6.03		5.44		6.64		3.59		2.50		.48		8.11		52.30	
BATON		1.14		6.78		1.97		1.76		6.41		4.56		4.72		4.50		4.06		1.34		1.10		8.36		45.28	
BATON ROUTE CENTRAL		1.17		6.68		1.79		1.56		6.79		1.90		5.98		4.47		1.76		1.92		1.10		6.12		43.24	
BATON ROUTE 450 AP	R	1.70-	3.20	7.77	2.11	1.74-	3.40	1.09-	2.71	4.47	.08	4.70	.93	4.75-	2.28	4.46-	.21	3.95	.16	1.42-	1.23	1.51-	2.33	5.35	.32	43.21-	10.84
BATON ROUGE 400LA W		1.23		6.15		2.24		1.23		5.65		7.73		5.88		4.13		3.52		2.17		1.55		6.08		48.56	
BOGALUSA		.79-	1.75	11.78	6.62	4.86-	1.23	1.44-	3.53	3.22-	1.77	4.86-	.04	7.00	.92	3.99-	1.33	3.06-	1.73	1.78-	1.41	3.42-	.91	5.28-	1.02	50.98-	9.46
CLINTON		1.17		4.22		3.42		.84		7.79		5.91		7.17		3.98		5.36		3.37		.66		5.93		49.72	
CLIN ON 5 SE		1.71-	3.75	4.85-	.17	1.44-	2.80	.98-	3.90	6.24	1.44	4.64-	.11	4.46-	1.24	3.47-	1.21	3.57-	.56	2.95-	.03	.55-	1.33	7.28	1.34	44.20-	14.44
COVINGTON 4 NW		.77-	4.04	10.70	4.40	4.55-	1.68	1.26-	3.57	6.24	1.39	4.35-	.19	4.89-	1.54	4.07-	1.48	2.38-	1.40	2.03-	.79	2.24-	1.82	7.73	1.68	51.59-	10.86
DENHAM SPRINGS		1.42		7.69		2.64		1.46		7.35		4.58		7.18		2.02		2.24		1.61		1.41		6.46		47.36	
FRANKLINTON 2		.84		4.35		5.14		.37		4.94		6.41		5.72		4.49		2.24		2.30		1.06		6.08		48.04	
FRANKLINTON 3 54		.93		8.01		4.76		.70		3.78		5.44		5.76		4.35		1.82		1.92		1.84		5.33		44.24	
GREENSBURG		1.76		7.04		4.71		.68		4.97		6.35		4.74		5.11		5.72									
GREENWELL SPRINGS		.98		7.07		2.36		1.40		8.20		1.95		5.26		2.39		1.60		3.15		.76		6.90		44.00	
HAMMOND 5 E		1.47		10.67		3.16		1.06		7.14		5.13		7.75		6.10		2.03		.75		.81		7.29		52.87	
HAMMOND 3 NW		.45-	3.73	10.38	4.83	3.77-	2.23	.83-	4.05	7.65	2.83	4.82	.24	5.05-	1.74	2.02-	2.98	4.06-	1.40	1.46-	.94	1.12-	1.21	5.86	.13	48.25-	12.29
HENTWOOD		1.17-	3.74	5.33	.02	4.86-	1.28	.67-	4.42	4.54-	1.04	4.40-	.59	6.78-	.39	2.43-	2.17	5.58	.66	2.52-	.35	.45-	4.04	7.41	1.49	46.44-	15.85
LIVINGSPOOL 3 ENE		1.23		5.88		4.55		.62		4.57		5.13		5.19		3.35		5.28		2.34		.62		7.53		46.89	
LIVINGSPOOL		.49		6.40		2.65		1.17		5.17		7.52		3.76		2.11		3.48		1.44		.71		5.09		42.19	
LSU BEN-HUR EXP STN		1.70		6.78		2.29		1.04		4.28		9.16		6.31		2.36		3.42		1.68		1.22		6.75		47.59	
OKANOLLA		1.19-	3.42	5.36	.06	3.60-	1.88	1.72-	3.29	5.91	.68	7.30	2.97	6.45	.17	7.07	2.42	3.16-	.86	2.93-	.13	.37-	3.89	8.56	2.87	53.82-	4.40
OKANOLLA RIVER LOCK 1		.80		12.70		4.32		1.58		2.81		4.08		4.74		4.79		3.41		.89		.58		6.17		46.23	
PINE GROVE FIRE TOWER		.70	4.52	7.08	1.36	3.93-	2.32	.85-	4.59	8.02	2.82	5.63	1.15	6.43-	.87	7.08	1.61	7.93	3.62	2.64-	.64	.86		5.95-	.33	56.94-	6.53
PORT VINCENT		-																		2.24		.86		5.75			
SAINT FRANCISVILLE		1.61		4.89		3.03		.98		5.18		5.22		13.33		3.56		4.33		2.30		1.45		4.59		50.39	
SHEPARDAN FIRE TOWER		1.18		10.52		4.33		.66		3.89		9.11		5.10		7.41		6.97		1.98		2.77		7.51		61.43	
SLIDELL 450		.93		9.65		1.54		.81		2.42		5.85		3.80		6.40		2.90		1.14		.79		3.63		39.76	
SPRINGVILLE FIRE TOWER		.89		10.66		2.21		1.98		5.15		7.76		3.43		4.87		3.96		1.76		1.06		6.45		50.38	
WATSON 3 ENE		.96		6.37		2.64		1.62		4.36		5.26		3.69		3.41		2.38		1.01		.50		7.05		41.45	
ZACHARY 2 ESE		1.20		5.66		2.24		1.63		8.55		4.62		4.58		4.85		3.15		1.82		.72		7.30		46.74	
DIVISION		1.01-	3.79	8.80	3.56	3.34-	2.57	1.22-	3.73	5.22	.34	5.60	.76	5.43-	1.01	4.39-	.75	3.08-	1.63	1.75-	1.07	1.40-	2.71	6.26	.40	47.50-	12.20
SOUTHWEST	07																										
ABSFVILLE		1.43		2.53		.88		.87		4.73		16.12		4.47		2.76		3.10		1.32		3.77		7.19		48.57	
CRILEY EXP STATION		2.74-	3.13	4.51-	.25	1.60-	2.60	.38-	4.52	7.35	2.32	9.42	4.13	7.10	1.68	2.17-	3.02	1.72-	2.74	2.91-	.42	4.07	.57	3.76-	1.70	47.73-	9.68
DE QUENCY 4 N		2.41-	2.33	3.63-	1.24	1.78	2.61	2.13-	3.05	2.43-	3.29	10.45	6.10	6.78	.68	5.54	1.89	3.95-	.89	6.87	3.28	1.40-	.39	5.74-	.32	55.40-	2.37
DE RIDDER		2.16		3.49		4.57		1.59		7.34		7.94		6.61		.19		5.37		5.54		2.92		3.52		47.44	
ELIZABETH		1.93-	2.98	2.12-	2.77	3.79-	1.75	2.18-	3.38	6.93	1.12	13.71	6.73	3.45-	1.27	2.30-	1.79	2.30-	1.69	6.42	2.93	3.22-	1.37	4.75-	1.53	53.10-	5.95
HACKBERRY 8 SSW		2.52-	1.62	2.57-	1.34	2.47-	.89	.73-	3.07	1.91-	2.45	13.04	6.67	8.41	1.54	4.16-	1.66	5.28	.53	4.01	.57	2.57-	1.70	2.55-	2.16	50.40-	3.54
JENNINGS		2.41-	2.89	4.56	.39	1.13-	3.41	.58-	4.89	2.62-	3.27	12.34	7.34	4.53-	1.61	1.29-	4.04	3.75-	1.10	4.90	1.36	2.51-	1.35	4.33-	1.50	45.81-	14.97
WINDY 3 W		2.45		7.00		2.85		2.70		20.90		20.90		7.65		1.75		3.20		6.80		3.65		4.95		63.00	
LAKE CHARLES 2 N		2.43		4.01		.99		1.24		2.42		14.53		9.86		3.06		2.24		3.25		2.86		2.27		48.78	
LAKE CHARLES 450 AP		2.56-	1.94	3.13-	1.34	1.70-	2.14	1.28-	3.07	5.98	.82	14.42	9.38	7.45	1.10	3.51-	1.24	2.56-	1.57	1.72	.24	1.50-	2.58	2.53-	3.17	49.92-	5.55
LONGVIEW		2.12		3.13		2.65		1.93		2.14		13.32		6.96		.86		1.73		6.19		2.77		4.65		48.69	
MCHENTRA		2.14		4.31		.69		.83		2.43		11.97		5.14		2.65		3.67		4.13		2.98		4.23		45.37	
MUTTIE 2 SE		2.74		3.42		3.37		1.37		4.10		12.18		10.34		2.01		2.05	</								

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

LOUISIANA
1981

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
BLAQUEMINES EXP STN	1.27		15.94		1.22		.20		3.75		3.74		3.16		6.99		5.27		.99		1.11		3.73		47.47	
BOSSARD	1.77- 3.53		10.00	4.69	2.69- 2.65		.97- 3.76		6.85- 1.95		6.54- 1.73		5.48- .99		4.21- 1.11		1.74- 4.28		1.54- 1.22		1.15- 2.71		4.76- .92		47.20-13.00	
SAINT BERNARD	.77		12.91		1.65		.94		2.70		2.69		3.77		4.11		4.28		.54		1.34		5.60		41.38	
THIBODIAUX 4 SL	.62- 3.66		8.14	7.87	1.41- 4.19		.60- 4.13		4.47- 1.17		17.09	4.20	5.72- 3.15		5.87- .29		2.60- 5.03		1.33- 1.70		.91- 7.18		6.85	1.27	48.51-18.05	
DIVISION	1.18- 3.35		9.57	4.77	1.95- 3.26		.97- 3.19		4.46- .02		6.68	1.29	4.18- 3.36		7.04	.74	3.42- 3.08		2.28- .59		1.15- 2.64		5.46	.40	48.84-12.29	

See Reference Notes Following Station Index

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

LOUISIANA
1981

Station		Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
						16° or below		20 or below		24 or below		28 or below		32 or below		32 or below		28 or below		24 or below		20 or below		16 or below		16° or below	20 or below	24° or below	28° or below	32 or below																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TEMPERATURE EXTREMES AND FREEZE DATA

LOUISIANA
1981

Table 3—Continued

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates					
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below	
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.								
* * *																														
SOUTH CENTRAL CR																														
CARVILLE 2 SW	100	7-24	18	1-13	NONE		1-13	18	2-12	21	2-13	26	2-13	26	11-21	31	12-19	21	12-19	21	NONE		NONE				310	309	281	
FRANKLIN 3 NW	100	7-14	21	1-13	NONE		NONE		2-12	23	2-12	23	2-12	23	12-18	28	12-18	28	12-19	24	NONE		NONE				310	309	309	
JEANERETTE EXP STN	97	7-24	20	1-13	NONE		1-13	20	2-13	23	2-13	23	2-13	23	12-19	24	12-19	24	12-19	24	NONE		NONE				309	309	309	
LAFAYETTE FAA AP	99	7-10	20	12-19	NONE		NONE		2-12	22	2-12	22	2-12	22	11-21	31	12-18	25	12-19	20	12-19	20	NONE			310	309	282		
MORGAN CITY	98	7-24	19	1-13	NONE		1-14	20	1-14	20	2-13	25	2-13	25	12-19	26	12-19	26	NONE		NONE		NONE				309	309		
NEW IBERIA 5 NW	99	8- 2*	21	1-13	NONE		NONE		2-13	24	2-13	24	2-13	24	11-21	32	12-19	25	NONE		NONE		NONE				309	281		
* * *																														
SOUTHEAST CR																														
BOOTHVILLE WSCMO CI	95	8- 1	24	1-13	NONE		NONE		1-13	24	1-13	24	2-12	31	12-19	30	NONE		NONE		NONE		NONE					310		
DELTA-BRETON WL REF	94	8-16*	30	1-13	NONE		NONE		NONE		NONE		1-13	30	12-19	32	NONE		NONE		NONE		NONE				310	340	309	
DONALDSONVILLE	97	7-23	20	1-13	NONE		1-13	20	2-13	24	2-13	24	2-13	24	12-19	22	12-19	22	12-19	22	NONE		NONE				309	309	309	
GALLIANO	100	7-24	19	1-13	NONE		1-13	19	1-13	19	2-12	27	2-13	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GOLDEN MEADOW		-	-	-	-		-	-	-	-	-	-	-	-	12-19	27	12-19	27	NONE		NONE		NONE							
HOUMA	98	7-24	19	1-13	NONE		1-13	19	1-13	19	2-13	28	2-13	28	12-19	25	12-19	25	NONE		NONE		NONE				309	309		
LOUISIANA NATURE CTR	99	7-24*	22	12-19	NONE		NONE		2-12	23	2-13	25	2-13	25	12-19	22	12-19	22	12-19	22	NONE		NONE				310	309	309	
NEW ORLEANS WSCMO AP	101	7-23	17	1-13	NONE		1-13	17	1-13	17	2-12	26	2-12	26	12-18	32	12-19	27	NONE		NONE		NONE				310	309		
N O ABBON WFO CI	99	8-18*	25	1-13	NONE		NONE		1-13	25	2-12	29	2-12	29	12-19	28	12-19	28	NONE		NONE		NONE				340	310		
PARAOTS 7 S	98	7-23	18	1-13	NONE		1-13	18	2- 3	24	2-12	25	2-12	25	11-21	30	12-19	23	12-19	23	NONE		NONE				319	310	282	
PLAQUEMINES EXP STN	98	7-23	18	1-13	NONE		1-13	18	1-13	18	2-12	26	2-12	26	12-19	27	12-19	27	12-20	23	NONE		NONE				341	310	310	
RESERVE	100	7-27	21	1-13	NONE		NONE		2-13	24	2-13	24	2-13	24	12-19	23	12-19	23	12-19	23	NONE		NONE				309	309	309	
SAINT BERNARD	100	7-23*	17	1-13	NONE		1-13	17	2-12	23	2-12	23	2-12	23	12-18	32	12-19	22	12-19	22	NONE		NONE				310	310	309	
THIBODAUX 4 ESE	101	7-24	23	12-20*	NONE		NONE		1-13	23	2-13	27	2-13	27	12- 5	32	12-19	24	12-19	24	NONE		NONE				340	309	295	
* * *																														
STATE EXTREMES																														
WINNSBORO		105	8-16																											
PLAIN DEALING				11	2-12*																									
HOMER EXP STATION					2-11																									

See Reference Notes Following Station Index

SOIL TEMPERATURES

LOUISIANA
1961

Station	Depth	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
CALHOUN EXP STATION	(IN)																											
	4		48.1	59 39	52.5	70 41	59.2	73 49	72.7	89 57	73.6	92 61	86.2	100 76	88.7	100 78	87.8	100 77	80.6	97 68	69.9	87 56	62.0	72 53	51.5	64 39	69.4	100 39
CLINTON 5 SE	(IN)																											
	4		48.3	59 38	52.5	68 33	60.0	75 51	72.7	86 51	73.8	89 62	82.2	96 74	86.4	99 75	87.2	100 78	79.6	92 63	71.9	89 56	65.3	77 53	54.4	71 44	69.5	100 33
CROWLEY EXP STATION	(IN)																											
	4		49.8	67 35	54.6	77 36	64.5	85 48	78.3	101 56	79.5	103 61	85.5	98 71	88.8	117 74	88.5	105 75	82.5	99 60	73.4	94 54	64.7	78 47	53.7	76 35	72.0	117 35
HAMMOND 5 E	(IN)																											
	4		-	-	-	-	-	-	74.1	92 54	76.7	98 58	85.3	102 73	88.9	107 74	88.2	104 75	81.7	97 60	73.8	95 50	64.3	81 42	52.0	74 32	-	107 32
HODMA	(IN)																											
	4		48.7	66 36	53.3	78 39	60.6	72 50	72.9	84 60	74.9	91 61	82.6	94 74	84.1	96 72	82.9	94 76	78.4	90 66	72.9	86 56	65.0	75 52	55.8	71 40	69.3	96 36
LSU DEAN LEE EXP STA	(IN)																											
	4		48.9	60 40	54.6	74 42	62.3	72 56	76.3	91 65	76.3	90 66	85.7	95 79	91.7	103 80	92.4	102 84	85.7	96 70	74.7	92 59	64.4	72 52	54.0	71 41	72.2	103 40
RED RIV VALLEY EXP STA	(IN)																											
	4		47.0	61 38	50.8	72 36	58.6	77 46	72.4	91 55	71.5	87 56	83.7	98 71	88.6	103 71	86.5	102 75	79.9	94 65	69.1	90 50	60.2	72 49	50.9	65 41	68.2	103 36
ROSEPIKE EXP STN	(IN)																											
	4		-	-	-	-	-	-	73.3	95 53	77.0	99 58	85.6	104 74	89.6	110 73	91.1	108 77	81.8	99 61	71.5	95 48	62.4	78 43	50.9	71 34	-	110 -
SAINT JOSEPH EXP STA	(IN)																											
	4		45.4	58 36	50.4	69 38	58.7	74 49	74.9	89 59	75.3	92 60	87.2	100 76	91.5	103 78	91.8	102 81	82.3	94 66	72.3	93 56	61.9	73 50	50.7	69 37	70.2	103 36
WINNABORO	(IN)																											
	4		43.6	56 34	49.4	68 34	57.0	70 46	71.7	87 57	72.7	90 60	83.6	97 74	87.8	101 75	87.7	99 78	79.9	94 64	68.9	90 52	59.6	70 46	50.1	65 38	67.6	101 34

See Reference Notes Following Station Index

TOTAL EVAPORATION AND WIND MOVEMENT

LOUISIANA
1981

Table 4

Station		Jan	Feb.	Mar.	Apr	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	Annual
* * * NORTHWEST 01														
RED RIV VALLEY EXP STN	EVAP	-	-	4.718	5.61	6.56	7.81	8.18	7.20	5.50	3.578	2.46	2.858	-
	WIND	967	1498	1742	1295	1587	1477	825	459	585	1192	1070	1673	14365
* * * NORTH CENTRAL 02														
JALMOUN EXP STATION	EVAP	-	2.458	4.408	5.53	5.938	7.038	7.53	6.828	5.91	3.798	2.47	2.028	-
	WIND	552	741	823	537	587	358	341	369	421	657	682	1013	7081
* * * NORTHEAST 03														
SAINT JOSEPH EXP STN	EVAP	-	-	-	6.10	6.568	7.348	7.788	7.35	5.648	4.13	2.79	2.698	-
	WIND	1757	1674	1822	1402	1615	1486	962	647	751	1313	1441	2298	17168
* * * EAST CENTRAL 06														
LSU BEN-HUR EXP STN	EVAP	2.908	2.908	5.17	5.838	7.018	7.068	7.94	7.078	6.898	4.988	4.23	3.888	65.86
	WIND	1817	1743	18918	10508	1523	779	594	637	873	1380	1259	2199	15745
	MAX	61.4	65.4	74.9	88.7	90.5	98.8	101.7	100.1	94.1	84.9	76.5	61.7	81.2
	MIN	40.9	45.6	50.7	64.2	64.9	76.9	77.8	76.4	68.6	59.8	54.2	44.0	60.3
* * * SOUTHEAST 09														
HOUMA	EVAP	2.58	-	4.638	5.90	5.818	6.108	6.768	-	5.358	4.198	2.498	2.838	-
	WIND	1203	1534	1779	1323	1332	1047	657	575	648	945	868	1388	13299

See Reference Notes Following Station Index

STATION INDEX

LOUISIANA
1981

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ARBEVILLE	7007	07	VERMILION	229 58	92 08	10		73					2
ARITA SPRINGS F TWR	C021	06	ST TAMMANY	630 26	90 03	30							2
ALEXANDRIA	7098	05	RAPIDES	1131 19	92 28	87	86	93					1 2 3 C
AMITE	02C5	06	TANGIPAHOA	630 43	90 30	180	93	97					1 2 3
ANTIOCH FIRE TOWER	C253	02	CLAIBORNE	932 53	93 00	350	22	26					2
ASHLAND	0349	04	NATCHITOCHES	1132 07	93 06	225	27	37					1 2 3
BAKER	0462	06	E RATON ROUG	630 35	91 10	80		2					2
BASTROP	0537	03	MOREHOUSE	932 47	91 54	140	57	57					1 2 3
RATON ROUGE CENTRAL	0546	06	E RATON ROUG	630 33	91 02	60		2					2
BATON ROUGE WSO AR	0549	06	E RATON ROUG	830 32	91 08	64	93	113					1 2 3 C
BATON ROUGE WOODLAWN	05F8	06	E RATON ROUG	630 23	91 00	50		3					2
BAYOU SORREL LOCK	0565	08	IBERVILLE	130 08	91 19	15		13					2
BEAVER FIRE TOWER	0617	05	EVANGELINE	730 48	92 35	105		9					2
BELEM FIRE TOWER	0639	05	LA SALLE	1131 39	92 11	200	29	29					1 2 3
BETHANY	07R6	01	CAOOO	1232 23	94 03	370		10					2
BIENVILLE 3 NE	C800	02	BIFNVILLE	1132 22	92 56	307	10	10					1 2 3
BOUCAU FIRE TOWER	0920	01	BOSSIEP	1132 42	93 31	260		26					2
BOGALUSA	0945	06	WASHINGTON	1030 47	89 52	105	51	51					1 2 3
BOOTHVILLE WSCMO CI	1157	09	PLAQUEMINES	529 20	89 24	0	17	17					1 2 3 C
BOYCE 3 WNW	1232	05	RAPIDES	1131 23	92 43	110	6	6					1 2 3
BUNKIE	1287	05	AVOUELLES	230 57	92 10	80	93	93					1 2 3 C
BUTTE LA ROSE	1365	08	ST MARTIN	130 17	91 41	5		4					2
CALHOUN EXP STATION	1411	02	OUACHITA	932 31	92 20	180	93	90	21				1 2 3 4 CG
CARVILLE 2 SW	1565	08	IBERVILLE	830 12	91 07	25	42	43					1 2 3
CLINTON	1891	06	E FELICIANA	630 52	91 01	180		84					2
CLINTON 5 SE	1899	06	E FELICIANA	630 48	90 58	200	7	8					1 2 3 CG
COLUMBIA LOCKS	1979	02	CALDWELL	932 10	92 06	80		10					2
CONVERSE	2023	04	SARINE	1231 45	93 42	220	27	37					1 2 3
COTTON VALLEY	2121	01	WERSTER	1132 49	93 25	230	33	37					1 2 3
COUSHATTA 5 S	2145	01	RED RIVER	1131 58	93 20	120		1		OCT			2
COVINGTON 4 NNW	2151	06	ST TAMMANY	630 32	90 07	40	88	88					1 2 3 C
CROWLEY EXP STATION	2212	07	ACADIA	730 15	92 22	25		71					1 2 3 G
DELTA-BRETTON WL REF	2370	09	PLAQUEMINES	829 13	89 16	5	30	30					1 2 3 H
DENHAM SPRINGS	2350	06	LIVINGSTON	630 28	90 58	35		4					2
DE QUINCY 4 N	2361	07	BEAUREGARD	430 31	93 26	95	26	56					1 2 3
DE RIDDER	2367	07	BEAUREGARD	430 53	93 17	200	59	59					1 2 3
DONALDSONVILLE	2534	09	ASCENSION	830 07	90 59	40	93	92					1 2 3
ELIZARETH	2870	07	ALLEN	430 52	92 48	150	85	88					1 2 3
EPPS 6 WNW	2971	03	WEST CARROLL	932 37	91 34	99	26	26					1 2 3 C
EUNICE	2981	05	ST LANCY	730 29	92 26	50		21					2
FRANKLIN 3 NW	3313	08	ST MARY	229 49	91 33	12	89	89					1 2 3
FRANKLINTON 2	3322	06	WASHINGTON	1030 51	90 10	145		4					2
FRANKLINTON 3 SW	3327	06	WASHINGTON	1030 49	90 11	145	25	25					1 2 3
GALLIANO	3433	09	LAFOURCHE	529 26	90 18	2	13	13			AUG		1 2 3
GLOSTER 1 W	3657	01	DE SOTO	1132 12	93 50	255		34			INAC		2
GOLDEN MEADOW	3681	09	LAFOURCHE	529 23	90 16	0	21	21					1 2 3
GONZALES	3695	09	ASCENSION	830 14	90 54	10		4					2 C
GRUPP FIRE TOWER	3741	04	NATCHITOCHES	1131 25	92 54	360		24					2
GRAND COTEAU	3870	05	ST LANCY	230 26	92 02	55	96	95					1 2 3
GRAND ECORE	3804	04	NATCHITOCHES	1131 48	93 06	150		33					2
GRAND ISLE 2	3815	09	JEFFERSON	529 14	90 00	2							C
GREENSBURG	3864	06	ST HELENA	630 50	90 40	225					INAC		2
GREENWELL SPRINGS	3867	06	E BATON ROUG	630 34	90 59	60		15					2
GREENWOOD FIRE TOWER	3877	01	CAOOO	1132 25	94 00	350		8					2
HACKBERRY 8 SS	3979	07	CAMERON	429 53	93 25	6	42	42					1 2 3
HAMMOND 5 E	4030	06	TANGIPAHOA	630 30	90 22	35	1	1			JAN		1 2 3 G
HAMMOND 3 NW	4034	06	TANGIPAHOA	630 32	90 29	45	86	85					1 2 3
HANNA 3 S	4050	01	RED RIVER	1131 54	93 21	125		10					2
HODGES GARDENS	4288	04	SARINE	1231 22	93 23	420		19					2
HOMER EXP STATION	4355	02	CLAIBORNE	1132 45	93 04	380	31	31					1 2 3
HOSSTON	4398	01	CAOOO	1132 53	93 53	200		41					2
HOUMA	4407	09	TEPREBONNE	529 35	90 44	15	92	91	6				1 2 3 4 G
JEANERETTE EXP STN	4674	08	IBERIA	229 57	91 43	20	29	76					1 2 3
JENNINGS	4770	07	JEFF DAVIS	730 12	92 40	25	83	83					1 2 3 C
JONESBORO FIRE TOWER	4772	02	JACKSON	1132 13	92 42	320	12	12					2
JONESVILLE LOCKS	4739	05	CATAHULA	331 29	91 51	70	10	10					1 2 3 C
KEITHVILLE	4816	01	CAOOO	1132 21	93 50	200		38					2
KENTWOOD	4859	06	TANGIPAHOA	630 56	90 31	220		41					2
KINDER 3 W	4884	07	ALLEN	430 30	92 54	53		38					2
KORAN	4971	01	BOSSIEP	1132 25	93 28	175		33					2
LAFAYETTE	5021	08	LAFAYETTE	230 14	92 03	40							C
LAFAYETTE FAA AP	5026	08	LAFAYETTE	230 12	91 59	38	93	92					1 2 3
LAKE CHARLES 2 N	5074	07	CALCASIEU	430 15	91 13	5		10					1 2 3 C
LAKE CHARLES WSO AP	5078	07	CALCASIEU	430 07	93 13	9	20	20					1 2 3
LAKE PROVIDENCE	5090	03	EAST CARROLL	832 48	91 10	103	61	61					1 2 3 C
LEESVILLE	5266	04	VEPNON	1231 09	93 16	240	56	56					2
LIVERPOOL 3 ENE	5430	06	ST HELENA	630 56	90 38	250		3					2
LIVINGSTON	5438	06	LIVINGSTON	630 30	90 45	40		3					2
LOGANSPOUT 4 ENE	5527	01	DE SOTO	1231 59	93 57	210	35	38					1 2 3 C
LONGVILLE	5584	07	BEAUREGARD	430 36	93 14	115		37					2

See Reference Notes Following Station Index

STATION INDEX

LOUISIANA
1981

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
LOUISIANA NATURE CTR	5610	09	ORLEANS	830 03	89 58	-	1	1	1		JAN		1 2 3
LSU BEN-HUR EXP STN	5620	06	E BATON ROUG	830 22	91 10		21	19	19	19			1 2 3 4
LSU DEAN LEE EXP STN	5630	05	RAPIDES	231 11	92 24		70	6	6				1 2 3
MAMOU 4 S	5852	05	EVANGELINE	730 34	92 26		55		13				1 2 3
MANSFIELD 3 WSW	5874	01	DE SOTO	1232 01	93 44		375		26				2
MANY	5892	04	SABINE	1231 34	93 29		260	28	28				1 2 3
MARION	5908	02	UNION	932 54	92 15		190		28				2
MARKSVILLE	5920	05	AVOUELLES	231 09	92 02		85		19				2
MARTIN FIRE TOWER	5935	01	RED RIVER	1132 05	93 13		260		17				2 C
MELVILLE	6117	05	ST LANDRY	130 41	91 45		30	93	95				1 2 3
HERMENTAU	6142	07	ACADIA	730 11	92 35		16		38				2
HINDEN	6244	01	WEBSTER	1132 35	93 17		185	93	94				1 2 3 C
MITTIE 2 SE	6271	07	ALLEN	430 42	92 53		120		27				2
MONROE FAA AP	6303	02	OUACHITA	932 31	92 03		78	93	94				1 2 3
MONROE NLU	6314	02	OUACHITA	932 32	92 04		70	5	5				1 2 3 C
MOORINGSPOET 1 N	6364	01	CADDO	1132 42	93 58		200		7				2
MORGAN CITY	6394	08	ST MARY	129 41	91 11		5	59	76				1 2 3 C
NATCHITOCHES	6582	04	NATCHITOCHES	1131 46	93 05		130	61	61				1 2 3 C
NEW IBERIA 5 NW	6657	08	IBERIA	230 03	91 53		25	72	72				1 2 3
NEW ORLEANS WSCMO AP R	6660	09	JEFFERSON	829 59	90 15		4	28	28				1 2 3 C
N O AOBON WSO CI	6664	09	ORLEANS	829 55	90 08		6	92	92				1 2 3 C
NEW ORLEANS ALGIERS R	6666	09	ORLEANS	829 56	90 02		2		82				2
NEW ORLEANS O P S 14 R	6668	09	ORLEANS	630 04	89 58		0		27				2
NEW ORLEANS WATER PLT R	6669	09	ORLEANS	829 57	90 08		22		88				2
NEW ORLEANS CITY HALL	6670	09	ORLEANS	829 57	90 04		5		4				2
NEW ORLEANS O P S 5 R	6672	09	ORLEANS	829 59	90 01		10		48				2
NEW ORLEANS O P S 3 R	6675	09	ORLEANS	829 59	90 04		12		88				2
NEW ORLEANS D P S 6 R	6679	09	ORLEANS	829 59	90 07		0		33				2
NEW ROADS S ESE	6686	05	POINTE COUPE	830 41	91 22		45	30	30				1 2 3
OAKDALE	6836	07	ALLEN	430 49	92 41		110		28				2
OAK GROVE 2 WSW	6866	03	WEST CARROLL	332 51	91 26		110		12				2
OAKNOLIA	6911	06	E FELICIANA	630 44	90 59		130		40				2
OBERLIN FIRE TOWER	6938	07	ALLEN	430 36	92 47		65	28	29				1 2 3
OLD RIVER LOCK	6962	05	POINTE COUPE	831 00	91 40		70	17	17				1 2 3 C
OLLA 3 SSW	6978	05	LA SALLE	1131 52	92 16		100						1 2 3 C
OPELOUSAS	6995	05	ST LANDRY	230 29	92 04		60		16				2
PARADIS 7 S	7096	09	ST CHARLES	529 47	90 26		5	27	67				1 2 3
PEARL RIVER LOCK 1	7161	06	ST TAMMANY	1030 27	89 47		30		33				2
RINE GROVE FIRE TOWER	7304	06	ST HELENA	630 42	90 45		190		75				2
RLAIN DEALING	7344	01	BOSSIER	1132 54	93 41		291	89	89				1 2 3
PLAQUEMINE 2 N	7366	08	IBERVILLE	830 19	91 14		20		4				2
PLAQUEMINES EXP STN	7368	09	PLAQUEMINES	829 35	89 50		4	23	23				1 2 3
PORT ALLEN	7448	05	W BATON ROUG	830 27	91 13		15		7				2
PORT VINCENT	7485	06	LIVINGSTON	630 22	90 52		15		1				2
RED RIV VALLEY EXP STN	7738	01	BOSSIER	1132 25	93 38		155	7	15	S			1 2 3 4 C 6
RESERVE	7767	09	ST JOHN BAPT	830 04	90 34		13	80	80				1 2 3
ROBSON	7924	01	CADDO	1132 21	93 39		160		34				2
ROCKEFELLER WL REFUGE	7937	07	CAMERON	529 44	92 49		4	18	18				1 2 3 C
RODESSA	7950	01	CADDO	1132 58	94 00		200		41				2
ROSEFINE EXP STATION	8046	04	VERNON	430 57	93 17		238	8	14				1 2 3 G
RUSTON	8065	02	LINCOLN	932 32	92 36		300						2 C
RUSTON-LA TECH UNIV	8067	02	LINCOLN	932 31	92 39		275	84	84				1 2 3
SAILES FIRE TOWER	8094	02	BIENVILLE	1132 22	93 08		360		20				2
SAINT BERNARD	8108	09	ST BERNARD	529 52	89 50		5	16	16				1 2 3
SAINT FRANCISVILLE	8136	06	W FELICIANA	830 46	91 23		115		1				2
SAINT JOSEPH EXP STN	8163	03	TENSAS	831 57	91 14		78	77	71	6			1 2 3 4 G
SHERIDAN FIRE TOWER	8405	06	WASHINGTON	1030 51	89 59		330		29				2
SHREVEPORT DOWNTOWN	8476	01	CADDO	1132 31	93 45		180		6				2
SHREVEPORT WSO AP R	8440	01	CADDO	1132 28	93 49		254	109	109				1 2 3 C
SIMMESPORT	8507	05	AVOUELLES	130 59	91 49		50		70				2
SLAGLE	8524	04	VERNON	431 12	93 08		300		7				2
SLIGELL WSO	8539	06	ST TAMMANY	630 15	89 46		10	25	25				1 2 3 C
SREARSVILLE FIRE TOWER	8669	02	UNION	932 54	92 34		200		37				2 C
SPRINGHILL	8683	01	WEBSTER	1133 00	93 27		250		34				2 C
SPRINGVILLE FIRE TOWER	8715	06	LIVINGSTON	630 26	90 39		30	28	26				2
STERLINGTON	8785	02	OUACHITA	932 43	92 05		60		41				2
STEVENSON FIRE TOWER	8795	03	MOREHOUSE	932 54	91 58		150		21				2
SUGARTOWN	8828	07	PEAUREGARD	430 51	93 01		170		27				2
SULRHUR	8831	07	CALCASIEU	430 14	93 23		12		8				2
TALLULAH	8923	03	MADISON	332 24	91 13		85	67	65				1 2 3
THIBODAUX 4 ESE	9013	09	LAFOURCHE	529 46	90 46		15	38	96				1 2 3
VERMILION LOCK	9319	07	VERMILION	529 47	92 12		14	31	31				1 2 3
VIOALIA 2	9357	05	CONCORDIA	831 35	91 26		60		31				2 C
VINTON	9375	07	CALCASIEU	1230 12	93 35		19		20				2
WATSON 3 ENE	9480	06	LIVINGSTON	630 36	90 54		60		4				2
WINNFIELD 2 W	9803	02	WINN	1131 56	92 41		160	42	43				1 2 3 C
WINNSBORO	9806	03	FRANKLIN	932 09	91 42		80	57	58				1 2 3 C 6
WINONA FIRE TOWER	9809	02	WINN	1132 02	92 39		220		29				2
WOODWORTH 2 SE	9865	05	RAPIDES	231 07	92 28		118	24	24				1 2 3
ZACHARY 2 ESE	9930	06	E BATON ROUG	630 38	91 08		85		7				2

See Reference Notes Following Station Index

MONTHLY AND SEASONAL COOLING DEGREE DAYS

SEASON OF 1981

LOUISIANA

STATION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	NORMAL JAN-DEC
* * * NORTHWEST 01														
COTTON VALLEY	0	1	10	150	136	454	566	506	265	110	6	0	2204	
LOGANSPOUT 4 ENE	0	9	11	213	207	496	582	537	310	165	13	8	2551	
MINOEN	0	7	9	181	146	477	590	524	282	131	8	0	2355	2345
PLAIN OEALENG	0	0	2	117	110	410	515	465	261	104	5	0	1989	2251
RED RIV VALLEY EXP STA	0	0	3	159	153	476	585	523	273	125	10	0	2307	
SHREVEPORT WSO AP	0	5	10	171	157	463	558	511	284	135	6	0	2300	2538
* * * NORTH CENTRAL 02														
BIENVILLE 3 NE	0	6	10	187	166	503	611	536	304	127	7	0	2457	
CALHOUN EXP STATION	0	5	5	177	154	472	595	538	283	119	8	0	2356	2386
HOMER EXP STATION	0	0	2	135	127	432	557	473	267	106	4	0	2103	
MONROE FAA AP	0	4	3	216	204	554	587	516	375	139	13	0	2611	2367
MONROE NLU	0	5	7	173	152	476	578	515	283	127	7	0	2323	
RUSTON-LA TECH UNIV	0	7	4	165	155	466	585	524	291	116	7	0	2320	2249
WINNFELD 2 W	0	4	9	179	175	471	566	519	299	132	12	6	2372	2460
* * * NORTHEAST 03														
BASTROP	0	7	11	224	205	524	571	569	360	137	1	7	2616	2498
EPPS 6 WNW	0	3	8	212	200	523	595	538	316	137	9	0	2541	
LAKE PROVIDENCE	0	3	9	193	188	511	592	545	315	121	4	0	2481	2472
SAINT JOSEPH EXP STA	0	3	2	211	204	506	592	535	285	144	14	0	2496	2362
TALLULAH	0	4	5	192	176	484	549	486	266	122	8	0	2292	2177
WINNSBORO	0	3	6	203	179	488	593	549	312	144	10	0	2487	2461
* * * WEST CENTRAL 04														
ASHLAND 2 S	0	1	5	148	128	442	529	506	244	118	8	0	2129	
CONVERSE	0	0	4	157	134	461	530	513	257	144	11	2	2213	
LEESVILLE	0	8	19	204	215	498	573	553	329	176	24	0	2599	2376
MANY	0	3	3	175	188	492	582	525	276	151	8	4	2407	
NATCHITOCHES	0	1	5	174	162	486	599	578	333	148	14	0	2500	2566
ROSEPIKE EXP STATION	0	4	9	187	209	478	553	544	326	184	26	0	2520	
* * * CENTRAL 05														
ALEXANDRIA	0	3	10	205	209	501	599	569	350	159	20	0	2625	
8ELAH FIRE TOWER	0	9	14	215	205	488	590	564	345	164	20	0	2614	
8OYCE 3 WNW	0	4	7	193	151	464	626	599	341	122	13	0	2520	
8UNKIE	0	10	14	230	239	528	602	559	337	178	26	0	2723	2516
GRAND COTEAU	0	9	28	251	273	516	569	555	368	222	61	4	2856	
JONESVILLE LOCKS	0	2	4	207	203	483	576	553	326	156	14	0	2524	
LSU OEAN LEE EXP STA	0	9	9	174	201	499	565	529	315	167	19	0	2487	
MAMOU 4 S	0	15	36	311	334	583	660	620	413	262	67	8	3309	
MELVILLE	0	10	20	213	222	504	558	539	325	183	27	0	2601	2523
NEW ROADS 5 ESE	0	6	17	228	235	508	575	554	340	179	43	0	2685	
OLD RIVER LOCK	0	8	14	197	187	483	553	531	334	181	25	0	2513	
OLLA 3 SSW	0	1	5	156	155	458	561	526	291	126	12	0	2291	
WOODWORTH 2 SE	0	9	20	237	209	511	569	541	321	148	18	0	2583	
* * * EAST CENTRAL 06														
AMITE	0	6	14	220	226	523	589	561	342	192	57	0	2730	2519
BATON ROUGE WSO AP	0	7	17	227	226	509	581	553	350	176	56	4	2706	2585
BOGALUSA	0	1	8	197	197	521	573	550	321	162	47	3	2614	
CLINTON 5 SE	0	1	6	187	183	457	538	539	322	164	44	1	2442	
COVINGTON 4 NNW	0	2	15	195	225	484	558	534	322	167	53	2	2557	2503
FRANKLINTON 3 SW	0	1	9	200	205	477	530	481	255	156	50	1	2365	
HAMMONO 3 NW	0	1	13	203	216	469	560	546	316	172	34	0	2530	2575
LSU BEN-HUR EXP STA	0	6	15	213	250	500	565	541	334	206	65	0	2695	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS

SEASON OF 1981

LOUISIANA

STATION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	NORMALS JAN-DEC
SLIDELL WSFO	0	0	16	240	257	542	606	543	365	198	60	3	2830	
* * *														
SOUTHWEST 07														
CROWLEY EXP STATION	0	4	16	236	254	498	560	526	370	217	46	4	2731	
DE QUINCY 4 N	0	4	14	181	222	479	546	511	291	191	30	0	2469	
DE RIDDER	0	7	23	201	214	477	548	535	313	171	26	0	2515	
ELIZABETH	0	10	17	220	229	511	581	560	335	188	27	0	2678	2552
HACKBERRY 8 SSW	0	0	13	221	281	508	560	526	378	229	43	0	2759	2678
JENNINGS	0	5	11	226	256	505	567	540	374	228	49	0	2761	2786
LAKE CHARLES WSO AP	0	4	13	211	264	495	551	535	356	224	35	6	2694	2739
OBERLIN FIRE TOWER	0	16	21	225	231	493	556	541	328	216	43	0	2670	
ROCKEFELLER WL REFUGE	0	1	11	237	283	514	599	563	406	258	87	7	2966	
VERMILION LOCK	0	3	20	219	255	507	581	537	348	206	54	1	2731	
* * *														
SOUTH CENTRAL 08														
CARVILLE 2 SW	0	1	14	210	263	521	599	550	362	212	36	0	2768	2636
FRANKLIN 3 NW	0	2	23	235	264	536	589	559	382	237	71	5	2903	2755
JEANERETTE EXP STA	0	2	15	225	256	500	561	527	338	216	50	2	2692	
LA FAYETTE FAA AP	0	4	24	227	242	520	581	531	357	207	42	1	2736	2632
MORGAN CITY	0	0	11	201	256	522	591	565	397	241	80	0	2864	2912
NEW IBERIA 5 NW	0	2	19	240	264	506	588	556	357	225	50	0	2807	
* * *														
SOUTHEAST 09														
BOOTHVILLE WSCMO CI	0	2	29	215	272	527	595	569	420	267	101	3	3000	
DELTA-8RETON WL REF	0	0	7	203	260	496	592	563	421	268	83	3	2896	
DONALDSONVILLE	0	10	23	233	264	521	589	548	371	211	69	2	2841	2893
GALLIANO	0	1	29	264	289	569	615	589	424	249				
GOLDEN MEADOW 9 NW											127	7		
HOUMA	0	5	23	246	286	532	581	549	382	250	83	4	2941	2791
NEW ORLEANS WSCMO AP	0	12	35	210	311	570	627	565	396	231	102	12	3071	2706
N O AD8ON WSFO CI	0	16	50	310	363	575	650	628	453	280	138	19	3482	
PARADIS 7 S	0	9	22	227	267	516	588	538	359	222	88	6	2842	
PLAQUEMINES EXP STA	0	2	31	235	302	549	608	544	382	258	115	6	3032	
RESERVE	0	0	14	220	233	514	583	561	366	226	53	2	2772	2714
SAINT BERNARD	0	4	19	233	299	557	610	541	371	220	90	6	2950	
THIBODAUX	0	9	16	290	297	574	634	566	367	227	93	10	3083	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA" for this State.

AVERAGES: Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: temperature in $^{\circ}$ F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1941-1970. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for January 1953.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

DAILY SOIL TEMPERATURE TABLES: Included are all soil temperature stations with data published for the calendar year, sheltered or not open to direct sun the year. See the reference notes of the monthly issues for information on individual stations as to soil type, time of day, and depth of shade.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.
- + Also on earlier date (dates) or months.
- * Amount included in following measurement.
- G Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.
- G Soil Temperatures Published

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, exposure, etc., of stations through 1971 is available in the "Station History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION: AVAILABLE THROUGH THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, N.C. 28801, ATTN: PUBLICATIONS.

USCOMM-NOAA-ASHEVILLE, N.C. - 1982-970

STATUTE MILES

0 10 20 30 40

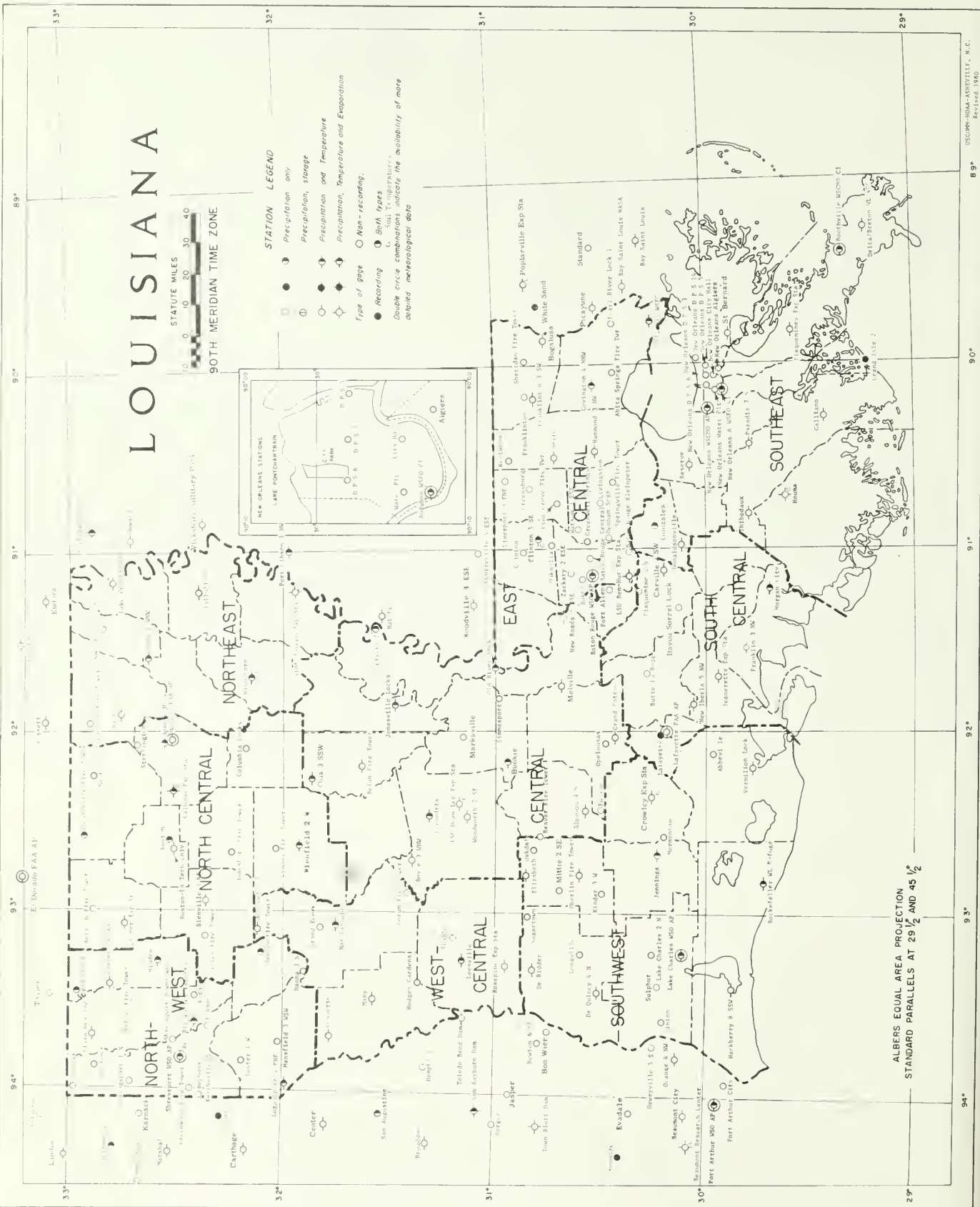
90TH MERIDIAN TIME ZONE



Type of gauge ☐ Non-recording, ☒ Both types

6. Soil Temperatures

Double circle combinations indicate the availability of more detailed meteorological data



ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^{\circ}$ AND $45\frac{1}{2}^{\circ}$

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA AND INFORMATION SERVICE
NATIONAL CLIMATIC CENTER
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THIRD CLASS
BULK RATE



CLIMATOLOGICAL DATA

LOUISIANA

JANUARY 1982

VOLUME 87 NUMBER 1



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF
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28801

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
JANUARY 1982

HIGHEST TEMPERATURE 84
HIGHEST TOTAL PRECIPITATION 6.78
GREATEST TOTAL DAY PRECIPITATION 1.18
GREATEST TOTAL SNOWFALL OR ICE 2.30
GREATEST DEPTH OF SNOW OR ICE 8.6

JANUARY 8+
JANUARY 11
JANUARY 13
JANUARY 31+

2 STATIONS
HOMER EXP STATION
MERIDIAN FIRE TOWER
SHEW ORLEANS 3 NE
BRIENVILLE 3 NE
ASHLAND STATIONS

R

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JANUARY 1982

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	NO. OF SLEET	NO. OF DAYS
									90 OR ABOVE	32 OR BELOW	0 OR BELOW									
LOUISIANA																				
NORTHWEST																				
COTTON VALLEY	56.8	31.1	44.0		7920	512+	652	8	0	319	0	4.48		1.3331		8	414			1
LOGANSPOUT 4 ENE	62.0	36.3	49.2	-1.4	7920	411	504	20	0	216	0	4.31	-15	1.1512		0	514			1
MINDEN	57.5	32.3	44.9	-1.9	7820	514+	625	10	0	417	0	4.57	-14	1.1512		0	514			1
PLAIN DEALING	56.3	29.6	43.0	-1.9	7920	614+	679	5	0	218	0	5.01	.86	1.8531		3.0	314			1
RED RIV VALLEY EXP STN	56.9	31.8	44.4	-1.1	7721+	614+	637	5	0	216	0	3.60		1.1631		0	0			1
SHREVEPORT WSO AP	57.6	34.6	46.1	-1.1	8019	514+	588	14	0	215	0	3.59	-45	1.0230		5.6	614			1
--DIVISIONAL DATA----->			45.3	-9								4.26	-15			3.2				
NORTH CENTRAL																				
BIENVILLE 3 NE	58.4	35.4	46.9	-2.1	8019	511	568	14	0	215	0	6.57		2.3013		0	513			1
CALHOUN EXP STATION	56.3	33.2	44.8	-2.1	7920	411	631	13	0	416	0	4.71	-02	1.1331		0	514			1
HOMER EXP STATION	56.3	30.6	43.5	-3	7820	211	668	17	0	418	0	4.32		1.4531		0	414			1
MONROE FAA AP	57.3	35.5	46.4	-3	8019	411	588	20	0	416	0	4.29	-32	1.2030		4.5	414			1
MONROE NLU	55.8	33.1	44.5	-3	7920	411	638	27	0	417	0	4.47		1.1231		5.2	514			2
RUSTON-LA TECH UNIV	56.9	33.5	45.2	-6	7920	411	616	9	0	515	0	4.45	-37	1.0831		4	514			1
WINNFIELD 2 W	60.8	35.9	48.4	-0	7919	511	529	23	0	115	0	3.61	-1.62	.9831		5.6	314			0
--DIVISIONAL DATA----->			45.7	-1.0								4.63	-13			2.5				
NORTHEAST																				
BASTROP	61.1 M	35.6	48.4 M	1.6	8119	411	496	0	0	314	0	6.34	1.46	1.15	7	3.5	413			3
EPSS 6 WNW	55.1	32.5	43.8	-2.8	7820	511	656	7	0	414	0	4.67	41	1.2522		0	414			1
LAKE PROVIDENCE	54.0	32.4	43.2	-1.9	7820	611	672	15	0	516	0	5.73	-2.06	1.9023		0	214			0
SAINT JOSEPH EXP STN	57.1	35.2	46.2	-2.0	8021	511	592	6	0	416	0	5.83	1.14	1.1823		0	514			1
TALLULAH	56.2	33.3	44.8	-1.8	8021	511	627	13	0	416	0	5.83	1.14	1.1823		0	514			1
WINNSBORO	57.3	34.2	45.8	-1.8	8020	511	602	13	0	315	0	3.20	-1.95	.8913		0	414			0
--DIVISIONAL DATA----->			45.4	-1.4								4.77	-21			2.1				
WEST CENTRAL																				
ASHLAND	55.9	31.3	43.6		77 4	512+	662	6	0	419	0 M	3.49		1.3313		8.0	631			2
CONVERSE	59.6	31.4	45.5		79 4	612+	610	14	0	219	0	4.74		1.5622		0	213			2
LEESVILLE	61.9	37.4	49.7	0	8022	611	498	30	0	114	0	2.61	-2.08	1.0331		0	114			1
MANY	59.5	31.2	46.4	-2.6	8021+	611	586	18	0	219	0	2.80		1.2031		0	0			1
NATCHITOCHES	59.5	34.1	46.8	-2.6	7920	811	570	12	0	217	0	5.24	.35	1.1712		0	215			3
ROSELINE EXP STATION	61.9	36.4	49.2	-2.1	7922+	811	506	24	0	114	0	2.49		.7013		0	1	31+		0
--DIVISIONAL DATA----->			46.9	-2.1								3.58	-1.08			0	1	31+		0
CENTRAL																				
ALEXANORIA	61.2	37.4	49.3		8022+	812	506	27	0	214	0	2.45		.9213		4	114			0
BELAH FIRE TOWER	59.8	36.4	48.1		8022	611	544	26	0	213	0	3.04		.9031		0	314			0
BOYCE 3 WNW	59.8	38.1	49.0		7919	911	511	20	0	111	0	3.54		.9031		0	213			0
BUNKIE	61.0	37.2	49.1	-6	8022+	1012+	510	23	0	215	0	2.00	-2.22	1.1013		0	1	31+		1
GRAND COTEAU	64.8	41.9	53.4		7921+	1011	395	42	0	215	0	2.63		1.4312		0	1	31+		1
JONESVILLE LOCKS	60.0	36.1	48.1		8022+	811	540	21	0	212	0	1.84		.6913		0	1	31+		0
LSU DEAN LEE EXP STN	60.9	35.9	48.4		8122	911	530	23	0	215	0	2.29		.8913		0	1	31+		0
MAMOU 4 S	64.6	44.7	54.7		8028+	1011	369	55	0	116	0	3.06		1.0412		0	1	31+		1
MELVILLE	63.4	38.1	50.8	-1.0	7922+	911	464	30	0	115	0	2.90	2.37	1.2013		0	1	31+		1
NEW ROADS 5 ESE	63.6	39.0	51.3		8221	811	448	30	0	212	0	3.92		1.1713		0	1	31+		1
OLD RIVER LOCK	61.0	37.5	49.3		8123	1012+	506	27	0	214	0	4.74		2.008		0	1	31+		1
OLLA 3 SSW	58.3	32.1	45.2		8020	512+	619	14	0	318	0	4.76		1.2031+		0	1	31+		1
WOODDORTH 2 SE	61.1	34.8	48.0		8022+	711	539	18	0	315	0	1.29	-3.73	.8031		1.5	1	31+		1
SEE REFERENCE NOTES FOLLOWING STATION INDEX																				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JANUARY 1982

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)								
	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	GREATEST DAY	DATE	SNOW, SLEET NO. OF DAYS		
										90 OR ABOVE	32 OR BELOW	MAX	MIN				0 OR BELOW	1.00 OR MORE	.50 OR MORE
--DIVISIONAL DATA----->																			
EAST CENTRAL																			
06																			
AMITE	63.3	38.5	50.9	49.6	-1.5	8122+	711	459	29	0	113	0	0	5.91	1.41	3	31+	9	3
BATON ROUGE WSO AP	64.2	41.0	52.6	50.9	1.6	8122+	1011	425	49	0	111	0	0	3.35	1.05	12	0	4	1
BOGALUSA	62.9	37.6	49.8	50.8	-1.5	8122	711	465	23	0	115	0	0	4.54	1.08	13	31+	2	1
CLINTON 5 SE	62.5	38.1	50.8	49.8	-1.5	8022	611	488	23	0	215	0	0	3.54	1.36	13	31+	6	1
COVINGTON 4 NNW	64.7	40.6	52.7	52.7	-1.5	8021+	811	400	25	0	012	0	0	4.18	1.51	7	31+	8	1
FRANKLINTON 3 SW	63.1	38.1	50.6	50.6	-2.7	8319	711	475	35	0	113	0	0	4.94	1.45	7	31+	6	2
HAMMOND 5 E	63.6	37.4	50.5	50.5	-2.7	7822+	712	463	30	0	015	0	0	4.45	1.22	13	31+	4	2
HAMMOND 3 NW	61.5	37.6	49.6	49.6	-2.7	8118	811	443	31	0	013	0	0	4.11	1.29	13	31+	6	4
LSU 8EN-HUR EXP STN	63.5	39.6	51.6	51.6	-2.7	8118	1011	443	30	0	112	0	0	3.69	1.29	12	31+	4	0
SLIDEELL WSO	63.9	40.1	52.0	52.0	-2.7	8022+	1011	414	21	0	012	0	0	2.41	1.45	13	31+	6	1
--DIVISIONAL DATA----->																			
SOUTHWEST																			
07																			
CROWLEY EXP STATION	62.1	40.1	51.1	51.1	-1.0	7918	1011	450	26	0	111	0	0	2.78	1.64	12	31+	5	1
DE GRINCY 4 N	61.6	37.1	49.4	49.4	-1.0	7827+	1011	499	20	0	214	0	0	1.60	1.85	31	31+	1	0
DE RIDDER	61.7	37.2	49.5	49.5	-1.0	8022	1011	501	25	0	114	0	0	2.87	1.10	31	31+	2	2
ELIZABETH	62.2	36.8	50.8	50.8	-1.0	7921+	911	439	27	0	116	0	0	4.01	1.32	31	31+	7	2
HACKBERRY 8 SSW	60.9	40.6	50.8	50.8	-1.0	7521+	1314	439	31	0	118	0	0	1.64	1.63	13	31+	5	1
JENNINGS	62.5	40.2	51.4	51.4	-1.0	7821+	1111	445	33	0	110	0	0	2.58	1.36	13	114+	1	0
LAKE CHARLES WSO AP	63.2	41.3	52.3	52.3	-1.0	8020+	1511	423	34	0	119	0	0	2.62	1.98	12	0	5	1
OKERLIN FIRE TOWER	63.9	39.8	51.4	51.4	-1.0	8022+	1011	452	34	0	213	0	0	3.08	1.80	31	31+	1	0
ROCKEFELLER WL REFUGE	63.4	41.9	52.7	52.7	-1.0	7926+	1411	396	19	0	07	0	0	2.10	1.55	13	31+	3	0
VERMILION LOCK	62.7	40.4	51.6	51.6	-1.0	7918	1112+	420	11	0	1	0	0	2.10	1.68	13	31+	5	0
--DIVISIONAL DATA----->																			
SOUTH CENTRAL																			
08																			
CARVILLE 2 SW	63.5	37.8	50.7	50.7	-1.6	8218	1011	459	20	0	113	0	0	3.31	1.22	13	31+	7	1
FRANKLIN 3 NW	64.7	41.5	53.1	53.1	-1.6	7929+	1211	395	36	0	09	0	0	3.42	1.68	12	0	6	2
JEANERETTE EXP STN	62.8	40.5	52.2	52.2	-1.6	8027	1212	415	25	0	100	0	0	3.38	1.65	12	31+	7	1
LAFAYETTE FAA AP	62.5	40.7	51.6	51.6	-1.6	7927	1011	443	35	0	110	0	0	2.62	1.09	13	0	4	1
MORGAN CITY	64.4	40.9	52.7	52.7	-1.6	7921+	1412+	396	21	0	07	0	0	2.14	1.09	12	0	2	1
NEW IBERIA 5 NW	63.6	41.5	52.6	52.6	-1.6	7821+	1111	403	25	0	09	0	0	3.00	1.24	13	31+	7	1
--DIVISIONAL DATA----->																			
SOUTHEAST																			
09																			
BOOTHVILLE WSCMO CI	65.5	47.7	56.6	56.6	-1.6	7821+	2111+	285	31	0	00	0	0	2.78	1.92	13	0	8	0
DELTA-BRETON WL REF	62.2	44.6	53.4	53.4	-1.6	7423	2312+	354	31	0	00	0	0	2.65	1.06	13	0	5	1
DONALDSONVILLE	64.5	41.3	57.1	57.1	-1.6	8023+	1011	399	33	0	00	0	0	2.38	1.25	13	31+	2	1
GOLDEN MEADOW	68.4	45.7	54.5	54.5	-1.6	8217	1711	285	40	0	00	0	0	3.39	1.42	13	0	3	1
HOUA	65.5	43.5	54.5	54.5	-1.6	8118	1411	358	47	0	00	0	0	2.10	1.68	13	31+	3	1
LOUISIANA NATURE CTR	65.7	41.2	53.5	53.5	-1.6	8418	1211	379	29	0	01	0	0	2.44	1.30	13	31+	3	1
NEW ORLEANS WSCMO AP	66.8	43.5	56.8	56.8	-1.6	8320+	1511	311	65	0	00	0	0	2.76	1.61	12	0	2	1
N O A080N WSO CI	66.8	46.3	55.9	55.9	-1.6	8020+	1611	311	49	0	00	0	0	2.11	1.30	12	0	3	1
PARADIS 7 S	67.4	44.3	57.4	57.4	-1.6	8116	1311	320	42	0	00	0	0	1.96	1.03	12	31+	3	2
PLAQUEMINES EXP STN	67.9	46.3	57.4	57.4	-1.6	8217	1611	285	55	0	00	0	0	2.15	1.32	12	0	3	2
RESERVE	65.5	38.6	52.1	52.1	-1.6	8118	1111	401	6	0	01	0	0	2.68	1.34	13	31+	7	1
SAINT BERNARD	68.0	43.0	55.5	55.5	-1.6	8417	1311	324	31	0	00	0	0	3.30	1.72	13	0	6	2
THIBODAUX 4 ESE	67.2	42.0	54.6	54.6	-1.6	8022+	1211	341	31	0	00	0	0	2.78	1.10	12	31+	7	1
--DIVISIONAL DATA----->																			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
JANUARY 1982

STATION	TOTAL	DAY OF MONTH																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
LOUISIANA																		
01 NORTHWEST BETHANY FIRE TOWER BODCAU VALLEY COTTONWOOD FIRE TOWER GREENWOOD FIRE TOWER HANNAN HOSSTON KEITHVILLE KORANSPORT 4 ENE LOGANSFIELD 3 WSW MANSFIELD FIRE TOWER MINDEN MOORINGDEALING 1 N PLAIN RIV VALLEY EXP STN ROBSON RODESSA SHREVEPORT DOWNTOWN SHREVEPORT WSO AP SPRINGHILL	5.99 4.48 4.48 2.51 5.18 3.61 3.57 4.48 4.31 5.17 5.96 4.55 5.01 3.60 3.95 4.01 3.32 3.59 4.23	.22 T .07 1.35 .20 T T T T T T T T T T T T T T T T	.25 .54 .38 .33 .46 .33 .36 .39 .44 T .71 .47 .30 .42 .77 .20 .34 .20 .34	.31 .15 .12 .43 .33 .63 T .67 .44 .75 .38 .14 .16 .54 .11 .30	.19 T T T T T T T T T T T T T T T T T T T	.05 T T T T T T T T T T T T T T T T T T	.03 .04 T T T T T T T T T T T T T T T T T	.68 T T T T T T T T T T T T T T T T T T T	.51 T T T T T T T T T T T T T T T T T T T	.62 .28 .28 .58 T T T T T T T T T T T T T T T T	.30 .15 .43 .22 T T T T T T T T T T T T T T T T	.10 .77 .16 .62 T T T T T T T T T T T T T T T T	.18 T T T T T T T T T T T T T T T T T T T	.62 .28 .58 T T T T T T T T T T T T T T T T				
	02 NORTH CENTRAL ANTIOCH FIRE TOWER BIENVILLE EXP STATION COLUMBIAN LOCKS HOMER EXP STATION JONESBORO MARION MONROE MONROE NLU MUSTON-TECH UNIV SAILES FIRE TOWER SPARLINGTON STANFORD WINNFIELD WINNFIELD 2 WINNFIELD FIRE TOWER	5.57 5.57 4.71 4.12 4.32 5.44 5.22 4.47 4.45 5.02 5.79 5.00 5.61 6.06	.60 T T T T T T T T T T T T T T T	.97 .50 .23 .25 .26 T .26 .18 .54 .47 T T .50 .90	.45 T T T T T T T T T T T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	.46 .43 .07 .03 .06 .05 .67 .24 .07 T T T T T	
		03 NORTHEAST BASTROP BEPSS 6 WNW LAKE PROVIDENCE OAK GROVE 2 WSW SAINT JOSEPH EXP STN STEVENSON TALLULAH TALLULAH FIRE TOWER	6.34 4.67 5.73 4.77 2.86 4.82 5.83 3.20	.34 T T T T T T T	1.40 .60 .96 T T T T T	.27 .67 .16 .28 T T T T	.00 T T T T T T T	.15 .07 .13 .06 T T T T	.15 .07 .13 .06 T T T T	.15 .07 .13 .06 T T T T	.15 .07 .13 .06 T T T T	.15 .07 .13 .06 T T T T	.15 .07 .13 .06 T T T T	.15 .07 .13 .06 T T T T	.15 .07 .13 .06 T T T T	.15 .07 .13 .06 T T T T	.15 .07 .13 .06 T T T T	
			04 WEST CENTRAL ASHLAND CONVERSE CORUM FIRE TOWER GRAND ECHO HOOVER LEESVILLE MANTOCHES MANTOCHES EXP STATION ROSEPINE	3.49 4.74 4.06 3.72 3.80 3.81 3.80 2.49	.01 T T T T T T T	.03 .36 .27 .16 T T T T	.12 .07 .11 .40 .77 .01 .01 .12	.13 T T T T T T T	.13 T T T T T T T	.13 T T T T T T T	.13 T T T T T T T	.13 T T T T T T T	.13 T T T T T T T	.13 T T T T T T T	.13 T T T T T T T	.13 T T T T T T T	.13 T T T T T T T	.13 T T T T T T T

DAILY PRECIPITATION (CONT)

LOUISIANA
JANUARY 1982

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LOUISIANA																
NORTHWEST 01																
BETHANY FIRE TOWER					.05	.33	.52	.03						.10	.03	
BODCAU VALLEY						.13	.26							.06		
COTTON VALLEY						.16	.09							.06		
COUSHATTA 5 S					.18	.32	.09							.18		
GREENWOOD FIRE TOWER				.08		.16	.09									
HANNA 3 S																
HOSSTON					.13		.16									
KEITHVILLE					.31	.07	.16									
KORANSPORT 4 ENE					.02	.09	.25						.06	.01		
LOGANFIELD 3 WSW						.04	.03							.32		
MARTIN FIRE TOWER						.53	.20						.02	.04		
MINDEN						.20	.81							.05		
MOORINGSPORT 1 N						.18	.40							.12		
PLAIN DEALING						.31	.25							.05		
RED RIV VALLEY EXP STN						.19	.20					.13		.05		
ROBSON						.15	.20							.22		
ROBSSA					.24	.12	.37							.08		
RODEVEVEPORT WSO AP					.05	.40	.37							.06		
SHREVEVEPORT						.12	.40							.57		
SPRINGHILL																
NORTH 02																
CHOC FIRE TOWER					.02	.12	.56							.12		
NIENVILLE 3 NEATION						.84	.06									
CALHOUN EXP STATION						.07	.27									
COLUMBIA LOCKS						.01	.11							.05		
HOMESBORO FIRE TOWER						.48	.74									
JONARION						.64	.04									
MONROE FAA AP						.37	.10							.01		
MONROE NLU						.45	.06							.03		
RUSTON-LA TECH UNIV					.04	.07	.27							.20		
SAILES FIRE TOWER					.15	.52	.08									
STERLINGVILLE						.95	.15									
MINNFIELD 22						.95	.08									
MINNFIELD FIRE TOWER																
NORTH 03																
NORTROP						.10	.15									
BASPS 6 MNW						.18	.13							.09		
LAKE GROVE 2 WSW						.01	.08							.07		
OAK GROVE 2 WSW						.30	.90							.11		
SAINT JOSEPH EXP SIN						.01	.02							.25		
STEVENSON FIRE TOWER						.30	.14									
TALLULAH							.97									
MINNSBORO							.30									
NORTH 04																
WEST CENTRAL						.23	.36							.02		
ASHLANDE					.05	.63	.56									
CONSUM FIRE TOWER						.01	.11									
GORUM ECARDENS						.06	.04									
HODGESVILLE						.06	.09									
LEESVILLE						.01	.03									
MANY						.01	.09									
MATCHPINE EXP STATION					.01	.01	.71									
ROSEPTINE							.06									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION

[illegible]

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
JANUARY 1982

STATION	INCHES	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LONGVILLE	2.77			.10				.17					.20	.90	.08	
MERTICIA	2.46			.05				T	.19				.17	.40	.30	
MERTICIA SE	2.08		.01	.33	.02			.05	T				.33	.66	.40	
OAKDALE	3.52		.02	.06	.15			.47	T				.33	.97	.03	T
ROCKEFELLER FIRE TOWER	2.08							.53	.33				.14	.62	.31	
ROCKEFELLER WL REFUGE	2.78			.04				.03					.14	.55	.48	
SUGARTOWN	2.56		T	T	.04			T					.10	.82	.40	
VERMILION LOCK	2.10			.19	.04			T	.08				.10	.29	.10	
SOUTH CENTRAL LOCK	08												.12	.68	.51	
BAYOU SORRELL	3.54			.20	.30				.15				T	.18	.76	
BUTTE LA ROSE	3.06			.05	.47			.15	.03				.12	.15	.65	
CARVILLE 2 SW	3.31		.07				.05		.03	.03			.11	.22	.55	
FRANKLIN 3 NW STN	3.42	T			.53		T		T	.01			.18	.57	.59	
JEANERETTE EXP AP	3.38			.12			.15	.02					.10	.05		
JAFAYETTE FAA AP	2.62			.02									.09	.44		
MORGAN CITY	2.14			.02	.10			T	.15				.13	.24	.60	
MOHAWK 5 NW	3.00			.05	.12			T	.01				.01	.50	.55	
PLAQUEMINE 2 N	3.58			.09				.07					.01	.25	.53	
SOUTHEAST WSCMO CI	09				.07								.74	.92	.16	
BOOTHVILLE	2.78	.28	.10	.27				.02					.74	.92	.16	
DELTA-BRETON WL REF	2.65	.40	.02	.20						.12			T	.06	.52	
DONALDSONVILLE	2.52	.01	.03						.08				T	.25	.65	
GOLDEN MEADOW	2.38			.32									T	.42	.12	
GOZALE	2.58								.04				T	.17	.63	
HOUMA	2.24		.13	.04	.01				.04				.02	.30	.49	T
LOUISIANA NATURAL CIP	2.76		.08	.03									.61	.61		
NEW ORLEANS FOG CIP	1.89			.04									.30	.47		
NEW ORLEANS ALGERS	1.68			.03									.30	.72		
NEW ORLEANS PLT	1.46			.03									.53	.66	.55	
NEW ORLEANS DATER HALL	1.29			.04									.62	.79	.27	
NEW ORLEANS CITY	1.50			.04									.62	.80	.21	
NEW ORLEANS OPP S	1.15			.04									.47	.93	.51	
NEW ORLEANS OPP S	1.15		.22	.12									.47	.93	.51	
NEW ORLEANS OPP S	1.15		.15	T									.47	.93	.51	
NEW ORLEANS EXP STN	1.15												.47	.93	.51	
PARADE LINE	2.45	.10			.08			.22					.47	.93	.51	
RESET BERNARD	2.68		.03		.02								.47	.93	.51	
THIBODAO 4 ESE	3.30												.47	.93	.51	

DAILY PRECIPITATION (CONT)

LOUISIANA
JANUARY 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LONGVILLE											
MENTAUS											
MITTIE 2 SE											
OAKDALE FIRE TOWER											
ROCKEFELLER WL REFUGE											
SUGARTOWN	.03										
SULPHUR											
VERMILION LOCK											
SOUTH CENTRAL											
BAYOU SORREL LOCK											
BUTTE LA ROSE											
CARVILLE 2 NW	.37										
FRANKLIN 3 NW	.40										
JEANERETTE EXP STN	.02										
LAFAYETTE FAA AP											
MORGAN CITY	T										
NEW IBERIA 5 NW	T										
PLAQUEMINE 2 N											
SOUTHEAST											
BOOTHVILLE WSCMO CI	.18										
DELTA-BRETTON WL REF	.03										
DONALDSONVILLE	.75										
GOLDEN MEADOW	T										
GONZALES	T										
HOUMA	.03										
LOUISIANA NATURE CTR											
NEW ORLEANS WSCMO AP	.02										
NEW ORLEANS WSFO CI											
NEW ORLEANS ALGERS 14	.01										
NEW ORLEANS WATER PLT	.01										
NEW ORLEANS CITY HALL	.01										
NEW ORLEANS DP S 3	.01										
NEW ORLEANS DP S 6	.01										
NEW ORLEANS DP S 7	.01										
PARADISE 7	.05										
PLAQUEMINE EXP STN	.24										
PRESERVE	T										
SAINT BERNARD											
THIBODAUX 4 ESE											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
JANUARY 1982

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DAILY TEMPERATURES (°F)

LOUISIANA
JANUARY 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
05	NATCHITOCHES	MAX 68	50	69	77	60	67	78	55	48	59	36	30	34	27	37	62	47	39	68	79	78	73	74	54	57	66	66	65	70	76	74	59.5
	MIN 45	45	49	38	31	31	51	29	26	25	8	9	25	15	15	27	13	13	35	57	63	62	47	30	30	36	31	31	48	46	45	34.1	
	ROSEPINE EXP STATION	MAX 69	65	71	78	62	67	79	69	50	60	42	33	34	30	44	63	55	43	67	78	77	79	74	56	62	73	58	65	75	73	69	61.9
	MIN 43	46	54	39	28	36	58	29	25	29	8	11	28	14	18	29	15	18	42	63	65	63	52	27	35	36	29	34	52	60	43	36.4	
	CENTRAL																																
	ALEXANDRIA	MAX 71	58	74	80	61	66	78	68	49	59	37	30	34	29	37	62	51	40	71	77	78	80	74	58	59	71	55	64	76	76	75	61.2
	MIN 46	48	51	42	30	38	59	30	25	28	9	8	29	19	20	28	14	17	41	64	65	64	54	30	38	36	31	35	53	60	47	37.4	
	BELAH FIRE TOWER	MAX 71	57	78	79	61	65	77	58	46	60	32	32	33	27	37	57	39	41	70	76	80	74	57	58	70	58	62	72	76	73	59.8	
	MIN 43	43	56	39	29	34	55	30	24	27	6	10	24	16	21	34	13	21	41	62	66	63	49	29	35	43	23	42	54	62	43	36.4	
	BOYCE 3 WNW	MAX 53	69	77	60	65	74	67	48	58	41	28	35	35	34	61	48	39	72	79	76	69	74	70	59	68	55	64	75	72	71	57	59.8
	MIN 42	43	58	38	32	52	36	29	28	14	9	18	24	17	33	57	17	38	63	65	62	63	41	33	41	33	32	55	50	49	39	38.1	
BUNKIE	MAX 70	56	73	78	59	66	80	72	47	58	36	29	35	32	37	59	48	41	74	78	80	76	57	71	71	52	61	71	75	79	76	61.0	
MIN 46	48	55	42	33	35	56	31	26	10	28	19	30	16	17	40	65	66	83	56	63	56	32	32	32	32	36	31	32	55	51	46	37.2	
GRAND COTEAU	MAX 62	76	78	74	68	78	45	56	52	29	43	44	38	61	57	43	75	78	79	79	76	73	62	72	67	66	75	76	77	72	64.8		
MIN 54	49	70	45	33	52	41	31	27	29	10	21	29	22	27	34	19	39	65	65	66	64	54	33	38	36	30	53	57	61	45	41.9		
JONESVILLE LOCKS	MAX 70	53	72	80	60	65	79	67	44	60	34	27	34	29	34	59	44	40	71	77	78	80	78	57	59	70	49	64	73	76	77	60.0	
MIN 44	44	54	41	30	33	57	30	25	28	9	10	28	18	19	29	15	16	40	62	65	64	55	30	33	34	28	31	50	51	41	35.9		
LSU DEAN LEE EXP STN	MAX 64	74	79	74	66	79	74	46	60	59	33	31	33	39	62	57	40	74	77	80	78	74	62	73	70	65	80	75	75	73	64.6		
MIN 55	53	71	55	36	53	41	34	32	13	10	21	29	22	33	38	19	38	67	68	66	57	39	45	40	35	56	63	63	45	44.7			
MELVILLE	MAX 69	57	74	76	60	76	78	75	60	56	37	29	40	41	37	60	55	47	75	78	79	79	78	60	68	75	53	65	75	75	78	63.4	
MIN 50	51	56	46	30	33	57	31	29	29	9	11	20	21	23	32	17	19	44	65	66	61	56	31	35	37	29	31	54	60	47	38.1		
NEW ROADS 5 ESE	MAX 70	61	75	80	61	66	80	77	48	56	40	30	41	32	38	63	61	47	78	79	82	81	60	60	72	57	67	76	75	80	63.6		
MIN 52	53	55	47	31	38	58	32	27	30	8	10	30	24	26	36	18	19	44	65	66	62	54	31	34	36	33	31	54	56	48	39.0		
OLD RIVER LOCK	MAX 68	56	74	79	58	67	79	70	44	55	33	28	37	32	35	59	49	42	75	78	79	80	81	59	60	71	55	64	74	74	77	61.0	
MIN 50	49	55	48	32	33	55	30	24	26	10	10	28	21	20	29	16	16	39	63	64	65	54	31	33	38	31	34	52	57	50	37.5		
OLLA 3 SSW	MAX 70	51	72	76	59	65	78	47	45	60	31	30	33	26	35	58	42	41	68	80	76	79	72	55	59	67	50	63	68	75	76	58.3	
MIN 39	40	50	39	27	28	46	29	20	21	5	5	24	15	15	20	12	16	39	55	64	58	51	26	26	27	23	26	24	55	59	44	32.1	
WOODWORTH 2 SE	MAX 70	60	72	80	60	66	78	70	46	58	36	26	29	26	35	62	54	40	72	78	78	80	75	55	58	71	62	64	75	75	74	61.1	
MIN 44	43	50	41	30	31	51	28	30	26	7	8	27	16	16	22	14	14	38	61	63	61	51	28	33	34	29	34	48	56	44	34.8		
06	EAST CENTRAL																																
	AMITE	MAX 69	61	73	76	61	65	80	79	51	57	41	32	36	35	36	60	63	51	73	80	79	81	78	65	63	74	55	62	73	78	75	63.3
	MIN 50	52	55	49	30	35	57	33	26	27	7	8	27	22	23	24	18	26	50	64	65	61	52	30	33	36	31	35	55	61	51	38.5	
	BATON ROUGE WSO AP	MAX 61	74	79	68	67	80	80	50	58	43	31	43	41	37	61	63	44	75	79	81	80	81	72	62	73	56	65	75	74	79	59	64.2
	MIN 55	56	68	35	32	49	40	35	30	16	10	25	26	25	26	27	20	41	67	68	66	66	41	33	38	37	32	52	58	59	37	41.0	
	BOGALUSA	MAX 73	62	73	77	60	65	77	80	50	57	45	30	40	38	35	60	62	47	76	80	80	81	80	64	60	72	52	62	68	70	75	62.9
	MIN 50	52	52	51	31	32	59	34	27	27	7	12	26	23	23	26	19	21	46	65	65	67	51	32	34	35	29	30	53	59	58	38.6	
	CLINTON 5 SE	MAX 60	60	72	77	59	66	79	74	48	57	39	30	40	31	36	60	61	46	74	79	79	80	78	73	66	72	55	63	73	72	77	62.5
	MIN 51	50	54	47	29	37	57	30	25	29	6	8	27	20	21	22	16	18	41	65	65	60	53	29	31	36	30	33	54	58	49	37.1	
	COVINGTON 4 NNW	MAX 63	72	75	72	65	76	80	51	57	55	38	34	41	37	59	64	57	74	78	80	78	71	62	73	66	64	69	73	75	69	64.7	
	MIN 50	53	66	51	28	46	46	35	27	29	8	22	32	20	42	20	36	40	63	63	60	56	53	28	31	35	28	50	55	54	49	40.6	
FRANKLINTON 3 SW	MAX 60	70	77	76	66	76	79	49	57	39	31	29	37	37	60	60	45	74	83	80	82	78	71	60	73	53	63	68	70	75	68	63.1	
MIN 53	52	70	34	29	48	38	33	27	13	7	18	26	22	22	25	18	38	61	61	62	59	38	30	33	31	29	52	57	58	36	38.1		
HAMMOND 5 E	MAX 74	62	71	77	61	64	78	81	51	58	46	33	40	36	37	64	52	78	78	77	80	78	65	62	72	55	62	73	73	75	63.6		
MIN 49	54	56	50	28	29	60	34	27	30	8	7	27	22	21	22	19	22	38	62	64	59	52	29	33	36	29	32	53	57	51	37.4		
HAMMOND 3 NW	MAX 68	61	70	73	60	64	75	78	50	55	42	33	40	36	35	56	63</																

DAILY TEMPERATURES (°F)

LOUISIANA
JANUARY 1982

DAY OF MONTH

AVERAGE

STATION

07

SOUTHWEST

CROWLEY EXP STATION

DE QUINCY 4 N

DE RIDDER

ELIZABETH

HACKBERRY 8 SSW

JENNINGS

LAKE CHARLES WSO AP

OBERLIN FIRE TOWER

ROCKEFELLER WL REFUGE

VERMILION LOCK

SOUTH CENTRAL

CARVILLE 2 SW

FRANKLIN 3 NW

JEANERETTE EXP STN

LAFAYETTE FAA AP

MORGAN CITY

NEW IBERIA 5 NW

SOUTHEAST

BOOTHVILLE WSCMO CI

DELTA-8RETON WL REF

DONALDSONVILLE

GOLDEN MEADOW

HOUMA

LOUISIANA NATURE CTR

NEW ORLEANS WSCMO AP

N O AD80N WSO CI

PARADIS 7 S

08

SOUTHWEST

CROWLEY EXP STATION

DE QUINCY 4 N

DE RIDDER

ELIZABETH

HACKBERRY 8 SSW

JENNINGS

LAKE CHARLES WSO AP

OBERLIN FIRE TOWER

ROCKEFELLER WL REFUGE

VERMILION LOCK

SOUTH CENTRAL

CARVILLE 2 SW

FRANKLIN 3 NW

JEANERETTE EXP STN

LAFAYETTE FAA AP

MORGAN CITY

NEW IBERIA 5 NW

SOUTHEAST

BOOTHVILLE WSCMO CI

DELTA-8RETON WL REF

DONALDSONVILLE

GOLDEN MEADOW

HOUMA

LOUISIANA NATURE CTR

NEW ORLEANS WSCMO AP

N O AD80N WSO CI

PARADIS 7 S

09

SOUTHWEST

CROWLEY EXP STATION

DE QUINCY 4 N

DE RIDDER

ELIZABETH

HACKBERRY 8 SSW

JENNINGS

LAKE CHARLES WSO AP

OBERLIN FIRE TOWER

ROCKEFELLER WL REFUGE

VERMILION LOCK

SOUTH CENTRAL

CARVILLE 2 SW

FRANKLIN 3 NW

JEANERETTE EXP STN

LAFAYETTE FAA AP

MORGAN CITY

NEW IBERIA 5 NW

SOUTHEAST

BOOTHVILLE WSCMO CI

DELTA-8RETON WL REF

DONALDSONVILLE

GOLDEN MEADOW

HOUMA

LOUISIANA NATURE CTR

NEW ORLEANS WSCMO AP

N O AD80N WSO CI

PARADIS 7 S

SEE REFERENCE NOTES FOLLOWING STATION INDEX

13

DAILY TEMPERATURES (°F)

LOUISIANA
JANUARY 1982

STATION		DAY OF MONTH																																AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PLAQUEMINES EXP STN	MAX	70	78	79	74	66	76	82	76	55	53	43	51	63	39	61	61	56	75	77	80	81	80	76	63	70	63	65	74	73	75	69	67.9	
	MIN	56	58	70	56	38	56	67	43	37	38	16	23	39	26	25	45	28	37	62	64	65	64	56	43	43	43	36	53	54	61	52	46.9	
RESERVE	MAX	74	71	77	77	62	68	78	81	60	53	45	34	43	35	37	58	56	65	75	78	80	79	79	78	60	74	65	67	74	75	74	65.5	
	MIN	53	56	50	53	34	38	54	37	30	30	11	13	32	23	25	25	30	22	44	45	46	59	53	38	34	41	33	35	54	52	46	38.6	
SAINT BERNARD	MAX	72	76	77	72	65	78	84	79	55	54	41	51	55	37	61	63	60	77	78	80	80	80	77	63	72	67	64	74	72	75	69	68.0	
	MIN	54	52	64	49	36	52	63	39	33	33	13	18	36	24	23	43	24	33	59	60	62	59	54	37	38	41	34	52	53	45	51	43.0	
THIBODAUX 4 ESE	MAX	73	77	78	75	68	78	80	55	56	49	34	48	50	39		61	60	75	77	79	79	80	76	63	75	72	67	76	73	76	66	67.2	
	MIN	50	52	58	54	32	53	55	38	28	27	12	22	34	25	24	42	24	35	66	64	65	63	44	33	38	41	32	50	57	51	33	42.0	

DAILY SOIL TEMPERATURES

LOUISIANA
JANUARY 1982

STATION			DEPTH	TIME	DAY OF MONTH																															AVERAGE
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LOUISIANA NORTHWEST RED RIV VALLEY EXP STN	(IN)	4MAX	58	52	57	64	56	55	63	56	50	53	46	46	42	39	40	40	39	39	50	62	64	61	65	55	55	57	55	53	60	64	64	53.5		
		4MIN	48	48	50	50	46	46	54	47	46	42	45	42	39	39	39	38	38	37	37	48	56	60	53	46	45	45	44	43	51	54	53	46.1		
NORTH CENTRAL CALHOUN EXP STATION	(IN)	4MAX	57	52	59	66	55	55	63	56	51	52	45	45	43	41	41	40	38	38	52	63	63	62	63	57	56	56	54	54	58	62	63	53.5		
		4MIN	48	49	50	50	48	46	54	47	45	42	45	43	41	41	40	38	38	37	37	52	57	56	53	49	46	46	46	45	50	53	55	46.7		
NORTHEAST SAINT JOSEPH EXP STN	(IN)	4MAX	50	55	64	65	58	53	61	61	48	50	43	35	36	37	41	41	36	54	61	63	66	63	59	57	56	51	51	58	62	63	52.7			
		4MIN	50	50	51	53	46	45	53	43	41	41	35	33	33	36	36	36	35	36	54	57	57	59	45	46	45	42	42	50	55	57	45.2			
WINNSBORO	(IN)	4MAX	57	51	60	65	57	52	60	58	47	59	43	35	35	36	41	39	35	52	61	62	65	63	59	54	56	50	50	57	61	61	51	52.2		
		4MIN	49	51	51	49	46	45	51	45	40	40	35	34	35	35	35	35	35	35	52	57	62	60	47	45	44	42	41	49	54	59	44.9			
WEST CENTRAL ROSEPINE EXP STATION	(IN)	4MAX	63	62	65	69	61	59	67	64	50	54	49	37	37	35	41	50	47	45	58	66	68	70	67	59	62	59	58	66	65	65	57.3			
		4MIN	47	47	53	48	41	40	54	39	37	36	32	34	34	33	32	32	33	32	39	57	61	62	57	41	40	42	38	38	51	56	53	43.2		
CENTRAL LSU DEAN LEE EXP STN	(IN)	4MAX	58	53	62	67	56	54	62	61	47	48	42	34	34	34	34	43	43	43	55	60	64	65	65	60	55	57	52	51	60	61	62	52.8		
		4MIN	47	49	49	52	44	43	52	42	40	37	34	33	34	34	34	33	35	34	35	54	58	61	59	45	33	45	41	45	50	55	56	44.0		
EAST CENTRAL CLINTON 5 SE	(IN)	4MAX	61	58	63	66	57	55	62	64	53	51	47	45	41	39	40	47	52	51	57	62	65	67	66	64	57	59	53	58	61	62	63	56.3		
		4MIN	50	56	56	57	53	47	53	53	49	45	45	41	39	39	39	39	47	40	42	57	61	62	63	55	49	49	49	44	29	58	58	49.2		
HAMMOND 5 E	(IN)	4MAX	67	60	63	70	59	59	67	72	56	53	54	53	37	38	43	49	57	44	58	66	68	71	70	64	60	63	57	57	65	68	68	59.2		
		4MIN	55	54	55	52	40	41	52	44	36	35	28	27	30	31	31	31	32	32	44	58	61	60	60	43	42	41	36	36	49	55	54	43.4		
SOUTHWEST CROWLEY EXP STATION	(IN)	4MAX	62	61	67	71	60	62	68	72	53	56	49	39	41	39	45	53	55	44	61	68	70	74	72	63	63	66	57	60	78	70	60.3			
		4MIN	50	55	56	52	44	44	56	42	38	38	29	30	38	34	34	34	33	34	43	60	63	64	60	43	44	45	39	39	54	59	53	45.4		
SOUTHEAST HOUMA	(IN)	4MAX	60	61	65	67	60	57	64	68	59	57	52	46	46	44	45	47	51	44	57	62	65	67	67	65	61	61	59	60	62	65	67	58.4		
		4MIN	57	56	58	55	49	48	48	56	50	49	43	42	42	41	40	39	40	40	44	57	59	62	62	52	51	51	48	48	58	58	59	50.5		

STATION-NAME	SOIL-TYPE	SOIL-COVER	SLOPE	UNITS
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%	F
CLINTON 5 SE	BUFF TERRACE	BARE	0.1% TO S	F
CROWLEY EXP STATION	COASTAL PRAIRIE	BARE	0%	F
HAMMOND 5 E	FINE SANDY LOAM	BARE	0%	F
HOUMA	MOON SILT CLAY LOAM	BARE	0%	F
LSU DEAN LEE EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
RED RIVER VALLEY EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
ROSEPINE EXP STA	FINE SANDY LOAM	BARE	0%	F
SAINT JOSEPH EXP STA	SHARKEY CLAY	BARE	0%	F
WINNSBORO	BLUFF TERRACE	BARE	0%	F

LOUISIANA
JANUARY 1982

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES
WIND: IS MEASURED IN MILES
MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

LOUISIANA
JANUARY 1982

STATION

DAY OF MONTH

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LOUISIANA																															
01																															
NORTHWEST																															
COTTON VALLEY																															
LOGANSPOUT 4 ENE																															
MANSFIELD 3 WSW																															
MINDEN																															
PLAIN DEALING																															
SHREVEPORT WSO AP																															
02																															
NORTH CENTRAL																															
ANTIOCH FIRE TOWER																															
CALHOUN EXP STATION																															
HOMER EXP STATION																															
MONROE FAA AP																															
RUSTON-LA TECH UNIV																															
WINNFIELD 2 W																															
03																															
NORTHEAST																															
BASTROP																															
EPPS 6 WNW																															
LAKE PROVIDENCE																															
SAINT JOSEPH EXP STN																															
TALLULAH																															
WINNSBORO																															
04																															
WEST CENTRAL																															
ASHLAND																															
CONVERSE																															

SNOWFALL: INCLUDES SNOW AND ICE
SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL
WATER EQUIVALENT: GIVEN FOR NAS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.
SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

LOUISIANA
JANUARY 1982

STATION	DAY OF MONTH																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GORUM FIRE TOWER	SNOWFALL	SN ON GND										T	T	-	T																
LEESVILLE	SNOWFALL	SN ON GND										T	T	1																	
NATCHITOCHES	SNOWFALL	SN ON GND										T	T	1																	
	SNOWFALL	SN ON GND										-	T	3	2	1	T														
CENTRAL	SNOWFALL	SN ON GND											T	5	0	2															
BELAH FIRE TOWER	SNOWFALL	SN ON GND										T	3	3																	
BUNKIE	SNOWFALL	SN ON GND										T	T	T																	
GRAND COTEAU	SNOWFALL	SN ON GND										T	T	T																	
MELVILLE	SNOWFALL	SN ON GND										T	T	T																	
NEW ROADS 5 ESE	SNOWFALL	SN ON GND										T	T	T																	
	SNOWFALL	SN ON GND										T	T	T																	
EAST CENTRAL	SNOWFALL	SN ON GND										T	T	T																	
AMITE	SNOWFALL	SN ON GND										T	T	T																	
BOGALUSA	SNOWFALL	SN ON GND										T	T	T																	
COVINGTON 4 NNW	SNOWFALL	SN ON GND										T	T	T																	
FRANKLINTON 3 SW	SNOWFALL	SN ON GND										T	T	T																	
HAMMOND 3 NW	SNOWFALL	SN ON GND										T	T	T																	
SLIDELL WSFO	SNOWFALL	SN ON GND										T	T	T																	
SPRINGVILLE FIRE TOWER	SNOWFALL	SN ON GND										T	T	T																	
	SNOWFALL	SN ON GND										T	T	T																	
SOUTHWEST	SNOWFALL	SN ON GND										T	T	T																	
CROWLEY EXP STATION	SNOWFALL	SN ON GND										T	T	T																	
DE QUINCY 4 N	SNOWFALL	SN ON GND										T	T	5																	
DE RIDDER	SNOWFALL	SN ON GND										T	T	T																	
ELIZABETH	SNOWFALL	SN ON GND										T	T	T																	
HACKBERRY B SSW	SNOWFALL	SN ON GND										T	T	5																	
JENNINGS	SNOWFALL	SN ON GND										T	T	T																	
	SNOWFALL	SN ON GND										-	2	1																	
LAKE CHARLES WSO AP	SNOWFALL	SN ON GND										2	1	1																	
	WTR EQUIV											2	2																		

SNOWFALL: INCLUDES SNOW AND ICE
SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL
WATER EQUIVALENT: GIVEN FOR NWS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.
SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

LOUISIANA
JANUARY 1982

DAY OF MONTH

STATION

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OBERLIN FIRE TOWER	SNOWFALL	SN ON GND										T	T	T																	
VERMILION LOCK	SNOWFALL	SN ON GND									T	T	T	T																	
SOUTH CENTRAL 08	SNOWFALL	SN ON GND										T	T	T																	
BAYOU SORREL LOCK	SNOWFALL	SN ON GND										T	T	T																	
CARVILLE 2 SH	SNOWFALL	SN ON GND										T	T	T																	
JEANERETTE EXP STN	SNOWFALL	SN ON GND										T	T	T																	
NEW IBERIA 5 NW	SNOWFALL	SN ON GND										T	T	T																	
SOUTHEAST 09	SNOWFALL	SN ON GND										T	T	T																	
DONALDSONVILLE	SNOWFALL	SN ON GND										T	T	T																	
HOUMA	SNOWFALL	SN ON GND										T	T	T																	
PARADIS 7 S	SNOWFALL	SN ON GND										T	T	T																	
RESERVE	SNOWFALL	SN ON GND										T	T	T																	

SNOWFALL: INCLUDES SNOW AND ICE
SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL
WATER EQUIVALENT: GIVEN FOR NWS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE
SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES			OBSERVER
							TEMP	PRECIP	EVAP	
										(SEE NOTES)
LOUISIANA										
ABBEVILLE	00707	00707	VERMILION	29 52	92 38	108				CITY OF ABBEVILLE
ABBEVILLE	00708	00708	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00709	00709	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00710	00710	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00711	00711	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00712	00712	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00713	00713	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00714	00714	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00715	00715	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00716	00716	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00717	00717	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00718	00718	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00719	00719	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00720	00720	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00721	00721	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00722	00722	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00723	00723	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00724	00724	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00725	00725	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00726	00726	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00727	00727	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00728	00728	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00729	00729	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00730	00730	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00731	00731	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00732	00732	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00733	00733	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00734	00734	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00735	00735	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00736	00736	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00737	00737	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00738	00738	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00739	00739	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00740	00740	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00741	00741	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00742	00742	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00743	00743	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00744	00744	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00745	00745	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00746	00746	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00747	00747	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00748	00748	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00749	00749	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00750	00750	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00751	00751	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00752	00752	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00753	00753	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00754	00754	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00755	00755	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00756	00756	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00757	00757	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00758	00758	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00759	00759	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00760	00760	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00761	00761	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00762	00762	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00763	00763	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00764	00764	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00765	00765	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00766	00766	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00767	00767	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00768	00768	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00769	00769	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00770	00770	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00771	00771	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00772	00772	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00773	00773	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00774	00774	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00775	00775	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00776	00776	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00777	00777	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00778	00778	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00779	00779	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00780	00780	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00781	00781	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00782	00782	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00783	00783	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00784	00784	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00785	00785	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00786	00786	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00787	00787	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00788	00788	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
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ABBEVILLE	00791	00791	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00792	00792	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00793	00793	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00794	00794	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00795	00795	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00796	00796	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00797	00797	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00798	00798	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00799	00799	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00800	00800	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00801	00801	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00802	00802	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00803	00803	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00804	00804	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00805	00805	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00806	00806	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00807	00807	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00808	00808	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00809	00809	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
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ABBEVILLE	00812	00812	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
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ABBEVILLE	00814	00814	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00815	00815	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00816	00816	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00817	00817	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00818	00818	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00819	00819	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00820	00820	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00821	00821	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00822	00822	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00823	00823	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00824	00824	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00825	00825	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00826	00826	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00827	00827	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00828	00828	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00829	00829	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00830	00830	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00831	00831	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00832	00832	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00833	00833	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00834	00834	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY
ABBEVILLE	00835	00835	ST. TAMMANY	29 52	92 38	108				STATE DIVISION OF FORESTRY

[illegible]

[illegible]

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

RESULTANT WIND: The vector sum of wind velocity (direction and speed) divided by the number of observations. In "Supplemental Data" tables, resultant directions are in tens of degrees.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- ++ Highest observed one minute wind speed. The station is not equipped with an instrument to measure fastest mile.
- * Gage not read. The precipitation included in the amount following the asterisks. Time distribution not known.
- // Gage equipped with a windshield.
- ~ Extreme occurred at a station with incomplete data. It may have been exceeded at that station.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading.
- B Adjusted monthly value of evaporation. Total evaporation amount is divided by number of recorded days, multiplied by number of days in the month.
- D Water equivalent of snowfall entirely or partially estimated, using a ratio of 1 inch water to every 10 inches of new snowfall.
- M Missing data. It appears with the average temperature in the "Monthly Summarized Station and Divisional Data" table if less than 10 days data are missing and it appears alone if 10 or more days are missing.
- R Amounts from recording gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Monthly Snowfall and Snow on Ground" table.
- J Observations appear in "Supplemental Data" table.
- MJO Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months.
- WI Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Late Reports and Corrections will be published annually as a supplemental bulletin.

Interpolated values for monthly precipitation totals may be found in the annual issue of this bulletin.

Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

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SPECIAL WEATHER SUMMARY

Highlights of January 1982:

For the month as a whole, temperatures averaged 1 to 2° below normal over northern Louisiana, near normal over central and southwestern sections, and 1 to 2° above normal over the Southeast. Monthly precipitation was unevenly distributed with well below normal amounts over most of the State, but with above normal amounts over a few local areas, especially central and west central sections.

The average data mask the day-to-day variability which included a brutal Arctic outbreak on the 11th, snow and freezing rain which nearly paralyzed much of the State on the 12th and 13th, and record warm and dry weather later in the month. The environmental, human, and economic impacts of these extreme events are all pervasive, and it seems clear that modern society is less able to cope with these events than the mostly rural communities of Louisiana at the turn of the century.

Analysis of Synoptic Weather Types:

As should be expected for a winter month, the upper-air pattern of troughs and ridges controlled the temperature and precipitation regimes across Louisiana. Late December had been controlled by an upper-air trough to the west and a ridge to the east of Louisiana, with a rather persistent flow of mild surface air over the State. This pattern continued until the 4th. Between the 5th and 17th, the long-wave trough of the upper-air westerlies were located over the East Coast, Appalachians, or the eastern areas of the Mississippi River valley most of the time, and the resultant surface synoptic weather types were usually either Continental High (CH) or Frontal Overrunning (FOR); temperatures were well below normal and precipitation above normal. During much of the remainder of the month, the trough of the westerly flow was located again west of Louisiana, with a weak ridge over the southeastern states, and the surface weather was dominated by the Gulf Return (GR) weather type with mostly warm and dry weather.

The preliminary analysis of synoptic weather types over southeastern Louisiana for January 1982, shows the following frequencies, with the 20-year average for 1961-1980 included for comparison. Average frequencies for February are also shown.

Synoptic Weather Types:

	January		February
	1981	1961-80	1961-80
Pacific High (PH)	1	3	7
Continental High (CH)	32	22	25
Frontal Overrunning (FOR)	23	38	27
Coastal Return (CR)	6	7	8
Gulf Return (GR)	32	11	11
Frontal Gulf Return (FGR)	6	14	17
Gulf Tropical Disturbance (GTD)	0	0	0
Gulf High (GH)	0	4	6
Continental Index (CH+FOR)	55	60	52
Tropical Index (GR+FGR)	38	25	28
Storminess Index (FOR+FGR)	29	52	44

In synoptic weather type terms, the frequency data suggest that January was, an unusual month. The Gulf Return (GR) frequency of 32% is the highest of the data series beginning with 1961, with the previous high of 31% for January occurring in 1972. This relatively high frequency for January 1982, is even more unusual when contrasted with the frequencies of GR weather during the last five Januaries, which ranged from 0 to no greater than 8%.

During January 1982, the record high frequency of GR weather was partially compensated by a very low frequency of Frontal Gulf Return (FGR) weather. The frequency of 6% for FGR weather ties for second lowest of the data series, with the lowest 5% in 1966.

The other outstanding synoptic weather type feature of January 1982, is the Storminess Index of only 29%. This frequency is also the lowest of the data series for January. The previous low is 34% in 1976, and just for comparison, the highest is 81% in 1979. Despite the Arctic cold and the snow and ice storms, many of the January days were warm and dry, with precipitation for the month near or below normal -- just about everywhere.

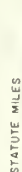
January 1982 ... A Month of Extremes

January 1982, will go down in the climatological record books as a month of extremes -- record cold and warm. A cold Arctic air mass moved southeastward into Louisiana on the 10th and remained over the State through the morning of the 15th.

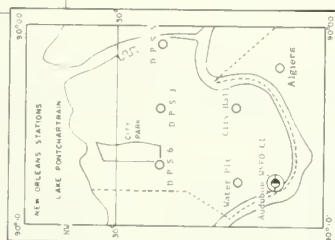
Preliminary data (28 out of 77 reporting stations) indicates that a few locations broke their all time low temperatures for this century, however, the coldest temperatures on record were in February 1899.

Dr. Robert A. Muller, State Climatologist
Department of Geography and Anthropology
LSU, Baton Rouge, LA 70803

LOUISIANA



90TH MERIDIAN TIME ZONE



STATION LEGEND

Precipitation only

Precipitation, storage

Precipitation and Temperature

Precipitation, Temperature and Evaporation

☐ Non - recording,

Both types

Soil Temperature, and combinations indicate the c

binations indicate the availability of more biological data

0.000 100.0

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^{\circ}$ AND $45\frac{1}{2}^{\circ}$

STORM DATA

Official Record of Extreme Weather in the United States

DESCRIBES IN DETAIL ALL TYPES OF STORMS

- | | | |
|-----------------|--------------|------------------|
| ■ Cold Wave | ● Tornado | ■ Heat Wave |
| ■ Hard Freeze | ● Waterspout | ■ Drought |
| ■ Freezing Rain | ● Dust Devil | ■ Tropical Storm |
| ■ Blizzard | ● Whirlwind | ■ Hurricane |
| ■ Heavy Snow | ● Downburst | ■ Flash Flood |
| ■ Chinook | ● Hailstorm | ■ Lightning |
-

STATE-BY-STATE WITH MAPS AND PHOTOGRAPHS.

STORM DATA now includes

★ OUTSTANDING STORMS OF THE MONTH

Edited by Prof. T. Theodore Fujita

★ DESCRIPTIONS OF STORMS IN EACH STATE

Narrated by National Weather Service Offices

★ DEATH, INJURY, AND DAMAGE STATISTICS

Compiled by National Climatic Center

★ HURRICANES AND TROPICAL STORMS

Monitored by National Hurricane Center



OUTSTANDING STORMS OF THE MONTH (Added since July 1981)

This is a new section, which includes maps and photographs of outstanding storms collected from all over the country. Dr. T.T. Fujita, the originator of the Fujita Tornado Scale, is the editor of this section.

Subscribers are encouraged to submit outstanding pictures (prints, slides, polaroid) to:

Prof. T. Theodore Fujita
Editor of Outstanding Storms
The University of Chicago
5734 South Ellis Avenue
Chicago, Illinois 60637

no later than 40 days after the end of a storm.



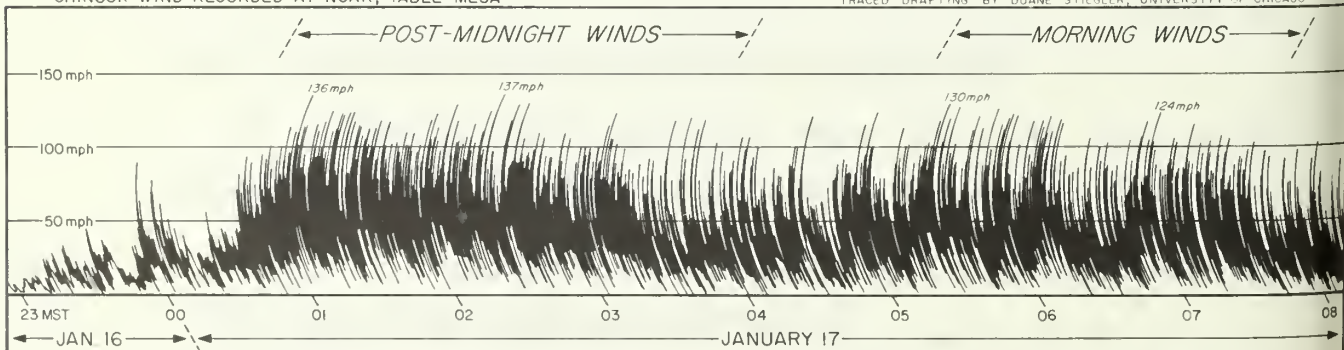
Bismarck, N.D. tornado photo by the Bismarck Tribune (July 1981 issue).



A giant whirlwind in Chinook wind at Boulder, Colo. airport. 9 airplanes were destroyed (January 1982 issue)

CHINOOK WIND RECORDED AT NCAR, TABLE MESA

TRACED DRAFTING BY DUANE STIEGLER, UNIVERSITY OF CHICAGO



One of the worst Chinook winds ever recorded by NCAR. Boulder, CO. (Jan. 1982 issue)



Snowfall map of the New England states after that region's first paralyzing storm of the season. Clearing its streets after this one storm cost Boston most of its annual snow removal budget (December 1981 issue).

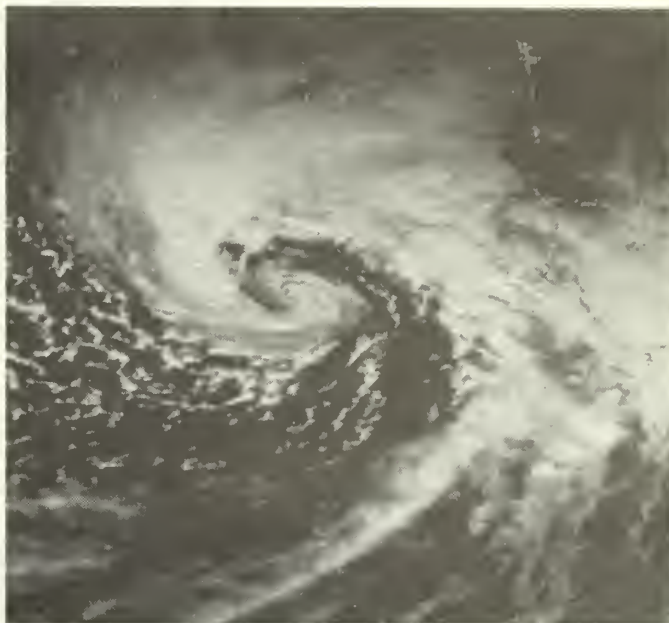
Similar snow-depth maps in other issues show southern Minnesota snow (Nov. 1981), Indiana lake snow (Dec. 1981), etc.

THIS NEW SECTION also includes the "TORNADO MAP OF THE MONTH", a climatological map of all the tornadoes in each month since 1916, the first year of tornado data collection by the U.S. Government. Maps in the March through June issues show the northward advancement of U.S. tornadoes, which affect every state in the Midwest.

The eastern half of the tornado map. (Sept. 1981 issue)



Satellite picture of a powerful cyclone over the Pacific Ocean, moving toward the Oregon-Washington coast. (Nov. 1981 issue)



DESCRIPTIONS OF STORMS IN EACH STATE

This section contains official descriptions of extreme weather events as confirmed by the National Weather Service Office(s) in each state. Descriptions include the events' vital statistics, e.g., all tornadoes are rated on the Fujita scale, F0...F5.

OCTOBER 1981

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		

OKLAHOMA

Southcentral 10-17 2 ? 7 7 Flood
Heavy rain fell over much of Southcentral Oklahoma and parts of Texas during an eight day period. A maximum storm total for Oklahoma was 26.2 inches in northwestern Marshall County, sixteen inches of which fell in sixteen hours. Two men drown, numerous people were evacuated and/or received flood related injuries.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		

40 TENNESSEE

4 miles west of Bolivar, Hardeman County 17 1900CST 1.5 35 0 0 4 ? Tornado F2
A tornado touched down about 4 miles west of Bolivar moving on an east-northeast track. The tornado completely deroofed one house and moving primarily across farmland. A number of trees were also downed or damaged severely. In addition to the tornado, high winds caused damage to several other buildings and to trees in the area immediately south of

DEATH, INJURY, AND DAMAGE STATISTICS

Official counts of the number of tornadoes, deaths, injuries, and damage compiled by National Climatic Center each month and also annually.

HURRICANES AND TROPICAL STORMS

In this section, hurricanes are described by the National Hurricane Center, which monitors all Atlantic hurricanes. Maps of the storms' paths are also published in STORM DATA.

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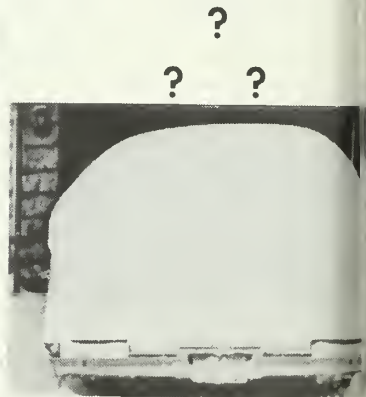
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☐ I also want to receive a free photo-chart of Fujita-Scale tornado damage.

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CLIMATOLOGICAL DATA

LOUISIANA

FEBRUARY 1982

VOLUME 87 NUMBER 2



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Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

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INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
FEBRUARY 1982

LOUISIANA
HIGHEST TEMPERATURE 85
LOWEST TEMPERATURE 19
GREATEST TOTAL PRECIPITATION 11.36
LEAST TOTAL PRECIPITATION 2.23
GREATEST 1 DAY PRECIPITATION 5.50

FEBRUARY 22
FEBRUARY 7
FEBRUARY 5

SHREVEPORT WS0 AP
3 STATIONS
NO ADBON WSFO CI
KORAN
NO ADBON WSFO CI

R
R
R

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
FEBRUARY 1982

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	MAX. DEPTH ON GROUND	SNOW	SLEET	NO. OF DAYS	1.00 OR MORE	.50 OR MORE	.10 OR MORE	DATE	
									90 OR ABOVE	32 OR BELOW	0 OR BELOW												
LOUISIANA																							
NORTHWEST																							
COTTON VALLEY	53.7	34.2	44.0		8223	2211+	582	0	0	0	0	0	0	1.52	0	0	0	0	0	0	0	0	0
LOGANSPORT 4 ENE	58.6	36.3	47.5		8422	2177	485	2	0	0	0	0	0	.92	0	0	0	0	0	0	0	0	0
MINDEN	55.3	34.9	45.1	-4.5	8323	2177	554	3	0	0	0	0	0	1.18	0	0	0	0	0	0	0	0	0
PLAIN DEALING	53.3	33.3	43.3	-5.0	8123	2077	601	0	0	0	0	0	0	.72	0	0	0	0	0	0	0	0	0
RED RIV VALLEY EXP STN	54.8	35.6	45.2		8223	2277	548	0	0	0	0	0	0	.96	0	0	0	0	0	0	0	0	0
SHREVEPORT WSO AP	55.3	35.9	45.6	-4.9	8522	2166	537	0	0	0	0	0	0	1.09	0	0	0	0	0	0	0	0	0
--DIVISIONAL DATA----			45.1	-4.5									3.13										
NORTH CENTRAL																							
BIENVILLE 3 NE	56.6	36.5	46.6		8323	2277	510	2	0	0	0	0	0	1.52	0	0	0	0	0	0	0	0	0
CALHOUN EXP STATION	54.9	35.8	45.4	-4.7	8223	2177	546	3	0	0	0	0	0	.23	0	0	0	0	0	0	0	0	0
HOMER EXP STATION	53.5	32.8	43.2	-1.3	8223	2197	604	1	0	0	0	0	0	.51	0	0	0	0	0	0	0	0	0
MONROE FAA AP	56.8	40.2	48.5		8024	2510+	460	6	0	0	0	0	0	2.14	0	0	0	0	0	0	0	0	0
MONROE NLU	54.1	36.0	45.1		8024	2277	554	0	0	0	0	0	0	4.88	0	0	0	0	0	0	0	0	0
RUSTON-LA TECH UNIV	55.4	36.5	46.0	-3.1	8323	2177	529	4	0	0	0	0	0	1.83	0	0	0	0	0	0	0	0	0
WINFIELD 2 W	59.2	36.3	47.8	-3.7	8322	2077	477	0	0	0	0	0	0	1.64	0	0	0	0	0	0	0	0	0
--DIVISIONAL DATA----			46.1	-3.8									4.76										
NORTHEAST																							
BASTROP	58.9	37.1	48.0	-1.9	8223	1977	473	4	0	0	0	0	0	1.78	0	0	0	0	0	0	0	0	0
EPSS 6 WNW	55.6	36.5	46.1		8023	2376	522	0	0	0	0	0	0	.52	0	0	0	0	0	0	0	0	0
LAKE PROVIDENCE	53.4	36.5	45.0	-4.1	7924	2376	556	1	0	0	0	0	0	2.13	0	0	0	0	0	0	0	0	0
SAINT JOSEPH EXP STN	55.7	37.5	46.4		8124	238+	537	0	0	0	0	0	0	2.85	0	0	0	0	0	0	0	0	0
TALLULAH	55.7	35.6	45.7	-4.3	8324	238+	537	0	0	0	0	0	0	5.65	0	0	0	0	0	0	0	0	0
WINNSBORO	55.9	35.6	45.8	-4.7	8224	2277	534	3	0	0	0	0	0	2.60	0	0	0	0	0	0	0	0	0
--DIVISIONAL DATA----			46.2	-3.7									5.45										
WEST CENTRAL																							
ASHLAND	55.4	33.0	44.2		8124	1977	578	0	0	0	0	0	0	3.41	0	0	0	0	0	0	0	0	0
CONVERSE	57.9	34.3	46.1		8423	228+	523	0	0	0	0	0	0	2.20	0	0	0	0	0	0	0	0	0
LEESVILLE	59.0	37.9	48.5	-4.5	8423	2610	457	1	0	0	0	0	0	1.88	0	0	0	0	0	0	0	0	0
MANY	57.6	34.8	46.2		8124	2310+	519	0	0	0	0	0	0	3.78	0	0	0	0	0	0	0	0	0
NATCHITOCHES	57.1	36.3	46.7	-5.9	8223	248+	505	1	0	0	0	0	0	1.33	0	0	0	0	0	0	0	0	0
ROSEPINE EXP STATION	59.5	37.7	48.6		8323	2510	453	1	0	0	0	0	0	3.32	0	0	0	0	0	0	0	0	0
--DIVISIONAL DATA----			46.7	-5.4									5.61										
CENTRAL																							
ALEXANDRIA	57.3	38.7	48.5		8024	2677	452	2	0	0	0	0	0	3.88	0	0	0	0	0	0	0	0	0
BELLAH FIRE TOWER	58.3	38.7	48.5		8223	2377	458	4	0	0	0	0	0	2.74	0	0	0	0	0	0	0	0	0
BOYCE 3 WNW	59.2	39.3	48.9		8023	2810	445	3	0	0	0	0	0	1.40	0	0	0	0	0	0	0	0	0
BUNKIE	58.5	42.4	52.2	-3.7	8024	2910+	354	0	0	0	0	0	0	1.40	0	0	0	0	0	0	0	0	0
GRAND COTEAU	61.9	40.1	51.0		8023	2910+	384	0	0	0	0	0	0	3.09	0	0	0	0	0	0	0	0	0
JONESVILLE LOCKS	56.6	38.2	47.4		8124	2610	484	0	0	0	0	0	0	4.23	0	0	0	0	0	0	0	0	0
LSU DEAN LEE EXP STN	57.6	38.7	48.2		8024	2710+	465	0	0	0	0	0	0	3.49	0	0	0	0	0	0	0	0	0
MAMOU 4 S	63.1	44.4	53.8		8223	3010+	321	1	0	0	0	0	0	2.95	0	0	0	0	0	0	0	0	0
MELVILLE	60.9	40.4	50.7	-3.9	8024	3010+	398	0	0	0	0	0	0	6.39	0	0	0	0	0	0	0	0	0
NEW ROADS 5 ESE	61.9	40.1	51.0		8124	2911+	384	0	0	0	0	0	0	3.09	0	0	0	0	0	0	0	0	0
OLD RIVER LOC	58.2	38.4	48.3		8024	2410	462	0	0	0	0	0	0	4.85	0	0	0	0	0	0	0	0	0
OLLA 3 SSW	56.3	34.5	45.4		8224	2177	544	0	0	0	0	0	0	2.59	0	0	0	0	0	0	0	0	0
WOODMORTH 2 SE	59.8	36.6	48.2		8124	2510	464	1	0	0	0	0	0	3.22	0	0	0	0	0	0	0	0	0
SEE REFERENCE NOTES FOLLOWING STATION INDEX																							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
FEBRUARY 1982

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)				
	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DATE
											90 OR ABOVE	32 OR BELOW	MAX		
--DIVISIONAL DATA----->	49.3			-3.8										6.22	1.24
06															
EAST CENTRAL															
AMITE	64.3	40.4	52.4	-9	8224	28	7	353			4	0	0	4.65	
BATON ROUGE WSO AP	61.8	41.7	51.8	-2.1	8023	30	10	366			1	0	0	6.48	1.55
BOGALUSA	63.4	40.7	52.1	-3.2	8124	28	18	359			1	0	0	9.00	2.74
CLINTON 5 SE	61.1	39.5	50.3	-1.0	8024	28	10	405			3	0	0	7.58	4.00
COVINGTON 4 NNW	65.3	42.3	53.8	-1.0	8022	28	7	309			0	0	0	7.95	5.83
FRANKLINTON 3 SW	63.4	41.0	52.2		8223	28	7	361			7	0	0	7.50	3.35
HAMMOND 5 E	63.9	40.7	52.3	-3.1	8123	28	7	357			1	0	0	7.35	3.35
HAMMOND 3 NW	63.3	40.7	52.0		8123	28	7	347			0	0	0	7.53	2.93
LSU BEN-HUR EXP STN	63.0	41.7	52.4		7923	30	7	304			3	0	0	5.61	1.84
SLIDELL WSO	64.4	43.7	54.1	-1.6							0	0	0	6.16	2.62
--DIVISIONAL DATA----->	52.3													6.98	1.74
07															
SOUTHWEST															
CROWLEY E P STATION	59.8	40.7	50.3		8024	29	10	392			0	0	0	3.89	1.45
DE QUINCY 4 N	61.1	38.5	49.8		8423	26	10	421			3	0	0	3.92	1.92
DE RIDDER	59.9	38.2	49.2		8423	26	10	433			0	0	0	5.14	2.00
ELIZABETH	60.5	38.2	49.4	-3.4	8323	29	10	433			1	0	0	5.88	2.57
HACKBERRY 8 SSW	59.9	43.4	51.7	-2.8	7919	29	10	376			8	0	0	3.44	1.81
JENNINGS	60.1	41.4	50.8	-4.8	8023	29	11	396			2	0	0	2.98	8.63
LAFAYETTE WSO AP	61.0	42.4	51.7	-3.4	8223	28	10	396			5	0	0	2.98	2.93
OBERLIN FIRE TOWER	61.2	40.8	51.0		8223	28	10	396			1	0	0	3.73	3.82
ROCKFELLER WL REFUGE	60.6	43.6	52.1		7923	30	11	336			0	0	0	4.64	1.63
VERMILION LOCK	62.4	41.8	52.1	-3.6	8125	29	10	359			0	0	0	4.95	1.63
--DIVISIONAL DATA----->	50.8													4.40	-2.9
08															
SOUTH CENTRAL															
CARVILLE 2 SW	63.3	40.6	53.0	-2.8	8124	29	7	361			4	0	0	4.45	1.11
FRANKLIN 3 NW	63.7	43.1	53.4	-2.9	7924	31	7	320			3	0	0	4.29	1.80
JEANERETTE EXP STN	63.3	40.0	51.7		8023	32	11	371			4	0	0	4.46	1.75
LAFAYETTE FAA AP	60.8	43.3	52.1	-2.6	7823	30	10	357			2	0	0	7.13	3.82
MORGAN CITY	64.0	43.4	53.7	-3.1	7824	32	11	310			1	0	0	5.97	1.70
NEW IBERIA 5 NW	62.3	42.0	52.2		7923	29	11	356			3	0	0	5.83	1.60
--DIVISIONAL DATA----->	52.5			-2.9										5.36	.64
09															
SOUTHEAST															
BOOTHVILLE WSCMO CI	61.3	45.4	53.4		7225	39	11	319			0	0	0	6.53	2.13
DELLIA-BRETON WL REF	63.9	42.9	53.4	-3.1	7924	33	10	324			4	0	0	5.48	1.85
DONALDSONVILLE	66.8	47.9	54.8	-2.9	8019	33	10	289			10	0	0	8.15	2.80
GOLDEN MEADOW	64.5	45.1	54.8								8	0	0	5.16	1.20
HOUMA															
LOUISIANA NATURE CTR	64.7	44.0	54.4		8125	32	11	297			4	0	0	6.91	2.59
NEW ORLEANS WSCMO AP	63.5	46.5	55.0	-1.6	8124	33	11	278			6	0	0	7.88	3.83
NADON WSO CI	65.8	49.2	57.5	1.1	8019	33	10	223			19	0	0	9.55	5.55
PARADISE 7 S	65.5	46.8	55.9		8019	33	10	262			12	0	0	7.12	3.55
PLAQUEMINES EXP STN	65.0	46.8	55.9		7923	36	7	248			2	0	0	8.97	3.50
RESERVE	64.3	42.8	53.6	-8	8024	31	8	320			5	0	0	7.45	2.11
SAINT BERNARD	65.3	45.9	55.5	-1.2	8024	31	7	268			8	0	0	7.07	3.05
THIBODAX 4 ESE	65.8	45.1	55.5	-1.5										7.42	2.62
--DIVISIONAL DATA----->	55.2														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
FEBRUARY 1982

STATION		DAY OF MONTH														
TOTAL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LOUISIANA																
01 NORTHWEST BETHANY FIRE TOWER BOUCAU VALLEY COTTONWOOD FIRE TOWER GREENWOOD FIRE TOWER HANNA HOUSTON KEITHVILLE KORANSPORT 4 ENE LOGANSFIELLO 3 WSW MARTIN FIRE TOWER MOOREINGSPORT 1 N PLAIN RIV VALLEY EXP STN ROBESON RODESSA SHREVEPORT DOWNTOWN SHREVEPORT WSO AP SPRINGHILL	4.11 4.13 3.72 4.92 3.73 4.56 3.93 2.23 2.55 3.54 4.97 2.94 3.35 3.35 3.01 2.77 2.36 3.88 3.11 3.79	T .07 .06 .03 T	.10 .38 T T T T T T T T	.42 .23 .23 .34 .45 .33 .07 .24 .10 .50 .48 .21 .25 .43 T T T T T T T T T T	 T <											

SEE REFERENCE NOTLS FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
FEBRUARY 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LOUISIANA											
NORTHWEST											
BEITHANY FIRE TOWER	.06										.15
BODCAU VALLEY	.42										.15
COTTONHATTA S	.34										.75
COUSHATTA S	2.00										.22
GREENWOOD FIRE TOWER	2.22										.10
HANNA S	2.21										.58
HOSSTON	.24										.34
KEITHVILLE	.24										.67
KORAN	.05										.55
LOGANSPORT 4 ENE	.92										.79
MANSFIELD 3 WSW	1.94										.34
MARTIN FIRE TOWER	1.30										.50
MINDENSPORT 1 N	.04										.90
MOORING DEALING	.47										.72
PLAIN RIV VALLEY EXP STN	.22										.38
RED RIV VALLEY EXP STN	.01										.98
ROBSON A	.17										.02
RODESSA	.03										.95
SHREVEPORT DOWNTOWN	.03										.82
SHREVEPORT WSO AP	.10										.15
SPRINGHILL											
NORTH CENTRAL											
ANTIOCH FIRE TOWER	.87										.20
BIENVILLE 3 NE	.55										.12
CALHOUN EXP STATION	2.15										.48
COLUMBIA LOCKS	2.15										.42
HOMER EXP STATION	3.75										.68
JONESBORO FIRE TOWER	3.25										.25
MARION FAA AP	1.54										.16
MONROE NLU TECH UNIV	1.19										.93
MURSTON - LA TECH UNIV	2.14										.71
SAILLES FIRE TOWER	1.83										.38
SPEARSVILLE FIRE TOWER	1.06										.61
STERLINGTON	1.28										.85
WINNFIELD 2 W	1.83										.15
WINONA FIRE TOWER	1.64										.41
	1.81										.20
NORTHEAST											
BASTROP	1.27										.10
BEPPS 6 WNW	1.78										.41
LAKE PROVE 2 WSW	1.55										.66
OAK GROVE 2 WSW	1.58										.40
SAINT JOSEPH EXP STN	4.33										.09
STEVENS FIRE TOWER	1.32										.10
TALLULAH	2.85										.26
WINNSBORO	2.60										.21
WEST CENTRAL											
ASHLAND	2.34										.51
CONVERSE	2.20										.60
GORUM FIRE TOWER	1.90										.10
GRAND ECORE	3.67										.52
HODGES GARDENS	3.78										.32
LEESVILLE	3.01										.39
MANITOCHES	3.32										.62
ROSEPINE EXP STATION	3.32										.62

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION

DAY OF MONTH

TOTAL

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
FEBRUARY 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
05											
CENTRAL	2.88										
ALEXANDER FIRE TOWER	2.75			.01							
BEAUFORT FIRE TOWER	2.80	.04	.02								
BOYCE 3 NW	3.30										
BUNKIE	3.80										
EUNICE	1.76										
GRANDES VILLES	1.42										
JONESVILLE LOCKS	1.42										
LSU DEAN LEE EXP STN	3.90										
MARKSVILLE	3.12										
MELVILLE	3.95	.01									
NEW ROADS 5 ESE	3.09										
OLD RIVER SW	4.85	.02									
OLLA 3 SSW	2.59										
OPELOUSAS	2.63										
PORT ALLEN	4.24										
SIDEMORE	2.75										
VIOLETTA 2	3.22		.01								
WOODWORTH 2 SE											
06											
EAST CENTRAL F TWR	.71										
ABITIA	3.40	.02									
BAKER	2.00	.21									
BATON CENTRAL	2.39										
BATON WSO AP	1.70										
BATON ROUGE WOODLAWN	3.82	.01									
BOGALUSA	3.43										
CLINTON 5 SE	3.83	.03									
CLINTON 5 SE NNW	1.96	.07									
CONVINGTON SPRINGS	1.40	1.08									
FRANKLIN 2 SW	2.90										
FRANKLIN 3 SW	2.92	.07									
GREENWELL SPRINGS	1.95										
HAMMOND 5 E	2.21										
HAMMOND 3 NW	2.81	.43									
HAMMOND 3 ENE	2.36	.05									
LIVERPOOL 3	1.65	.16									
LSU BEN-HUR EXP STN	2.38	.03	.01								
LSU BEN-HUR EXP STN	2.38										
OAKNOL RIVER LOCK 1	1.56	.28									
PEARL GROVE FIRE TOWER	1.29										
PORT VINCENT	2.47										
SAINT FRANCISVILLE	1.82										
SAINT IDAN FIRE TOWER	1.70	.20									
SHREVEPORT FIRE TOWER	2.17	.02									
SPRINGVILLE	3.23										
WATSON 3 ESE											
ZACHARY 2 ESE											
07											
SOUTHWEST	2.85										
ABBEVILLE EXP STATION	1.45										
ABBEVILLE EXP STATION	1.92										
DEQUINCY	3.00										
DEQUINCY	2.57										
DELIZABETH 8 SSW	1.19										
HACKBERRY	3.37										
JENNINGS	3.40										
KINDE	2.11										
LAKE CHARLES 2 N AP	1.1										
LAKE CHARLES WSO AP											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
FEBRUARY 1982

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LONGVILLE	5.17			.47			.10		.47				.01			.10
MENTERIE	5.46			.27					.10	T			.13	T		.80
MILLIE	5.31			.70					.76				.04			.13
OAKDALE	5.55			.54			.13	.05	.71				.06			1.50
OVERLIN FIRE TOWER	7.73		.12	.45			.04		.97		.05		.06	.13		
ROCKEFELLER WL REFUGE	4.64		T	.64			.04	T	.97				.03			.31
SUGARTOWN	4.27		T	.64			.10		.97				.02			.44
SULPHUR	5.03		T	.46							.30		.36	.04		.39
VERMILION LOCK	4.95		.08	1.63			T		T		.30		.36			.57
SOUTH CENTRAL LOCK	08															
BAUTTE	4.52		.45	1.46			.04		.22		.40		.10	.41		.38
LA ROSE	7.01		.93	1.11					.32		.32		.46	.13		.43
CARVILLE 2 SW	4.25		1.63	1.75			.03	.01	.30		.31		.15		.10	.33
FRANKLIN 3 NW STN	4.46		1.24	1.14			.01	.01	.58		.31		.20	.12	.45	.40
JEANERETTE FAA AP	7.13	.03	1.00	1.70			.02		.10	.01	.40		.25	.10		.35
LAFAYETTE CITY	5.97		1.50	1.60			.09		.21		.20		.50	.50		.55
MORGAN 5 NW	5.83		.51	2.10				.60					.15			.42
PLAQUEMINE 2 N	6															
SOUTHEAST WSCMO CI	09															
DELTA-BRETON WL REF	M 5.53		.98	1.97	.02		.05		.02		.32	.10	.04	.45		.19
DONALDSONVILLE	5.48	.01	.70	1.13					.13		.60	.05	.30	.23		.47
GOLDEN MEADOW	5.15		2.88	1.41							.37		.03			2.10
GONZALES	5.65		1.10	1.20						.94	.84	.01	.41	.15		1.76
HOUMA	5.16		1.20	2.59			T		.88			.01	.66	.93		1.75
LOUISIANA NATURE CTR	6.77	T	3.83	2.09					1.11		.03	T	1.10	.15	.13	1.05
NEW ORLEANS WSCMO AP	11.36		2.48	1.17			.01		.82		.03		.58	.02	.06	1.00
NEW ORLEANS WSCMO CI	5.95		1.08	1.10			.01		.06	.3	.16		.43	.01		.72
NEW ORLEANS ALGIER 14	5.71		1.02	1.06					.26	.18	.18		.67	.02		.85
NEW ORLEANS WATER PLT	6.71		1.50	1.55					.68	.24	.30		.69	.01		.09
NEW ORLEANS CITY S 5	6.86	.27	1.02	1.00			.06		.74	.24	.24		.55	.10		1.15
NEW ORLEANS D P S 3	6.06		1.49	1.15					.53	.24	.24		.63	.03		.83
NEW ORLEANS D P S 6	5.91		1.49	1.60					.80	.23	.23		.57	.03		.93
NEW ORLEANS D P S 7	5.12		2.23	1.00					.35	.23			.30			.50
PARADEMINES EXP STN	8.77		2.05	1.18			.01		.98	.57	.03	.04	.32	.52		3.50
PLAQUEMINE 4 ESE	7.95	.01	3.69	1.35			.03		.65	.03	.03		.61			1.95
SAINT BERNARD	7.07															1.10

DAILY PRECIPITATION (CONT)

LOUISIANA
FEBRUARY 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LONGVILLE	3.25										.70
MERTTIE 2 SE	3.36	.08				T					.42
OAKDALE	3.65										.35
ROCKEFELLER WL REFUGE	3.21		.04			.08					.56
SUGARTOWN	2.70	T				.03					.75
SULPHUR	2.70										.57
VERMILION LOCK	1.50										.10
08											
SOUTH CENTRAL	.93	.14									.04
BAYOU SORRELL LOCK	3.82										.21
BUTTE LA ROSE	1.10										.20
CARVILLE 2 SW	1.05				.01					.02	.19
FRANKLIN 3 NW STN	1.02		.02			.02				T	.07
JEPANETTE EXP AP	.01		T								.27
LAFAYETTE FAA AP	.90	.02	.02			.01					.45
MORGAN CITY	1.45		T								.05
NEW IBERIA 5 NW	2.00										.25
PLAQUEMINE 2 N											.04
09											
SOUTHEAST											
BOOTHVILLE WSCMO CI	2.31										.13
DELTABRET ON WL REF	1.85			.05							.20
GOLDEN MEADOW	1.01	.05				.02					.02
GONZALES	1.54										.21
HOUMA	1.25	.01									.15
LOUISIANA NATURE CTR	.01										.60
NEW ORLEANS WSCMO AP	.13										T
NEW ADBON WSFO CI	.14										.80
NEW ORLEANS ALGIER S	.23										.07
NEW ORLEANS WATER PLT	.19										.08
NEW ORLEANS CITY S	.26										.17
NEW ORLEANS D P S 5	.18										.40
NEW ORLEANS D P S 3	.11										.37
NEW ORLEANS D P S 6	.25										.32
PARADISE 7	.30										.09
PLAQUEMINE EXP STN	.04		.01								.36
RESERVE	.11		.13								.18
SAINT BERNARD											.39
THIBODAUX 4 ESE											.20

SEE REFERENCE NOTES FOLLOWING STATION INDEX
10

DAILY TEMPERATURES (°F)

LOUISIANA
FEBRUARY 1982

AVERAGE

DAY OF MONTH

STATION

STATION	01	02	03	04	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
					MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
LOUISIANA																																				
NORTHWEST																																				
COTTON VALLEY																																				
LOGANSPOUT 4 ENE																																				
MINDEN																																				
PLAIN DEALING																																				
RED RIV VALLEY EXP STN																																				
SHREVEPORT WSO AP																																				
NORTH CENTRAL																																				
BIENVILLE 3 NE																																				
CALHOUN EXP STATION																																				
HOMER EXP STATION																																				
MONROE FAA AP																																				
MONROE NEU																																				
RUSTON LA TECH UNIV																																				
WINNFIELD 2 W																																				
NORTHEAST																																				
BASTROP																																				
EPDS 6 WNW																																				
LAKE PROVIDENCE																																				
SAINT JOSEPH EXP STN																																				
TALLULAH																																				
WINNSBORO																																				
WEST CENTRAL																																				
ASHLAND																																				
CONVERSE																																				
LEESVILLE																																				
MANY																																				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
FEBRUARY 1982

STATION		DAY OF MONTH																															AVERAGE		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
05	NATCHITOCHES	MAX 55	51	53	46	42	42	36	45	64	43	46	56	49	53	53	65	73	75	68	67	68	78	82	81	77	51	38	42				57	1	
	MIN 32	32	42	35	33	26	24	24	37	25	25	30	35	29	29	51	42	43	47	42	43	42	41	51	50	36	33	35				36	3		
	ROSEPINE EXP STATION	MAX 52	54	54	53	45	44	39	46	68	46	49	58	61	56	55	64	77	82	72	70	63	76	83	80	78	59	38	44				59	5	
	MIN 32	34	43	31	35	29	28	29	42	25	27	38	38	30	33	54	40	48	50	45	43	39	42	49	53	32	32	35				37	7		
	CENTRAL																																		
	ALEXANDRIA	MAX 50	54	53	52	47	48	38	43	70	45	47	59	54	54	55	63	72	76	66	68	66	70	80	80	76	52	39	44				57	9	
	MIN 34	36	45	36	35	31	26	30	43	27	27	36	39	31	33	54	44	50	49	42	42	41	46	53	51	38	35	34				38	3		
	BELAH FIRE TOWER	MAX 48	53	53	53	41	47	40	48	67	40	48	57	51	50	66	74	77	79	63	66	67	72	82	81	78	47	42	43				58	3	
	MIN 32	35	43	34	33	28	23	38	40	25	29	38	36	26	41	54	44	55	44	44	46	42	45	53	46	36	35	38				38	7		
	BOYCE 3 WNW	MAX 56	54	51	46	45	35	44	68	64	47	56	52	54	55	63	75	77	70	65	65	76	77	80	77	66	42	43	55				59	2	
	MIN 34	38	41	30	32	26	28	41	34	35	41	37	37	37	32	49	55	46	45	49	45	44	52	56	56	38	35	34	38				39	9	
	BUNKIE	MAX 50	52	54	53	44	47	37	45	73	49	43	57	55	48	58	67	77	79	69	68	66	74	80	80	79	54	41	42				58	5	
	MIN 34	35	46	36	36	33	28	29	43	28	29	33	38	32	35	51	46	49	48	44	46	43	47	50	52	39	35	36				39	3		
GRAND COTEAU	MAX 51	54	56	56	48	46	46	73	69	48	60	59	54	55	64	75	78	79	69	68	72	79	80	76	73	50	44	51				61	9		
MIN 31	45	48	37	37	32	29	44	41	29	35	44	38	34	49	60	50	43	50	47	49	45	47	53	50	38	36	40				42	4			
JONESVILLE LOCKS	MAX 49	50	54	54	40	46	35	47	70	48	42	55	50	55	63	71	75	62	66	67	72	80	81	76	51	40	42				56	6			
MIN 34	35	45	36	34	32	26	27	43	26	27	28	33	30	32	50	46	49	49	45	45	43	46	49	50	38	36	36				38	2			
LSU DEAN LEE EXP STN	MAX 49	53	54	51	46	47	37	44	69	45	44	57	53	52	55	64	71	77	64	67	65	75	79	80	78	54	40	43				57	6		
MIN 31	36	45	35	35	31	27	29	43	27	29	35	39	30	32	53	44	50	48	43	44	42	45	48	52	39	35	36				38	7			
MAMOU 4 S	MAX 55	56	59	55	48	48	48	72	69	47	59	60	56	58	64	79	79	77	69	67	75	80	82	80	72	48	47	57				63	1		
MIN 34	48	50	38	39	35	30	44	45	30	38	44	40	36	50	61	54	47	53	52	49	42	45	48	49	41	37	42				44	4			
MELVILLE	MAX 54	57	53	58	50	52	44	51	74	55	50	50	55	49	60	64	75	78	80	71	69	73	80	80	76	58	44	44				60	2		
MIN 30	34	38	39	38	36	31	32	49	31	31	38	36	31	37	59	46	56	48	45	45	41	44	49	52	41	36	37				40	4			
NEW ROADS 5 ESE	MAX 54	54	55	56	48	51	44	50	70	54	49	61	58	55	60	71	76	79	72	71	74	80	81	77	67	46	46				61	9			
MIN 31	33	46	37	36	35	29	31	49	29	40	36	34	36	31	37	59	46	56	48	45	45	41	44	49	52	41	36	37				40	1		
OLD RIVER LOCK	MAX 50	51	53	54	47	46	33	46	70	53	42	57	53	49	57	65	74	76	69	67	67	71	79	80	76	56	42	46				58	2		
MIN 31	33	45	36	35	32	28	29	43	24	25	34	37	33	33	33	56	46	46	49	44	43	41	41	45	52	42	36	37				38	4		
OLLA 3 SSW	MAX 46	50	55	51	37	45	30	45	67	42	44	54	49	47	57	66	75	75	65	65	68	75	82	82	78	47	38	41				56	3		
MIN 30	32	43	34	33	29	21	22	39	24	24	34	36	23	41	37	59	44	36	36	38	44	45	35	34	34							33	5		
WOODWORTH 2 SE	MAX 45	49	53	56	48	52	37	45	70	50	50	58	54	53	56	69	78	80	65	67	67	77	80	81	79	58	49	47				59	8		
MIN 29	34	44	34	34	34	30	26	26	34	25	27	32	37	30	31	50	42	44	48	41	41	41	43	50	50	35	33	34				36	6		
06	EAST CENTRAL																																		
	AMITE	MAX 54	56	58	59	48	56	51	50	70	52	65	65	60	52	61	68	79	81	78	73	74	75	81	82	80	69	50	47				64	3	
	MIN 29	36	48	35	38	41	28	30	49	29	30	42	36	30	32	56	53	47	51	43	45	40	43	43	55	43	40	39				40	4		
	BATON ROUGE WSO AP	MAX 55	55	56	48	52	44	46	71	68	49	63	58	52	58	64	75	78	73	71	70	74	80	80	78	60	50	46	49				61	8	
	MIN 31	44	41	37	39	30	30	45	33	30	37	45	38	34	53	56	45	51	45	49	42	40	48	50	40	39	40				41	7			
	BOGALUSA	MAX 58	54	55	60	46	55	42	48	70	68	52	64	58	50	61	69	79	79	76	71	74	73	79	81	79	69	57	49				63	4	
	MIN 31	32	48	37	38	36	28	28	47	30	30	41	37	31	37	58	54	46	47	43	46	41	42	47	53	48	43	41				40	7		
	CLINTON 5 SE	MAX 59	55	56	56	47	50	40	48	67	58	52	62	51	52	60	67	75	78	74	70	70	73	79	80	77	65	45	44				61	1	
	MIN 29	34	45	35	35	34	27	30	47	27	28	38	35	29	37	55	50	48	43	49	39	43	49	52	41	38	39				39	5			
	COVINGTON 4 NNW	MAX 53	57	60	55	57	56	48	71	66	52	65	59	56	63	68	78	80	78	72	74	74	80	79	79	79	65	53	50				65	3	
	MIN 29	43	54	36	40	37	28	44	47	30	40	41	37	30	55	52	53	43	53	42	47	38	39	45	52	47	42	41				42	3		
	FRANKLINTON 3 SW	MAX 55	57	59	45	57	45	47	71	67	51	62	56	51	61	68	82	82	78	71	74	74	80	82	80	68	55	48	48				63	4	
	MIN 30	43	40	37	39	29	28	45	33	30	38	42	36	29	54	58	51	45	51	42	47	40	41	46	50	42	42	40				41	0		
HAMMOND 5 E	MAX 57	55	57	59	48	57	46	49	66	66	52	64	60	60	61	67	78	80	73	74	74	81	77	80	77	60	55	47							

DAILY TEMPERATURES (°F)

LOUISIANA
FEBRUARY 1982

STATION

DAY OF MONTH

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
07 SOUTHWEST CROWLEY EXP STATION DE QUINCY 4 N DE RIDDER ELIZABETH HACKBERRY 8 SSW JENNINGS LAKE CHARLES WSO AP OBERLIN FIRE TOWER ROCKEFELLER WL REFUGE VERMILION LOCK	MAX	50	52	54	57	47	45	40	45	70	57	47	60	58	48	53	69	75	79	73	66	68	73	78	80	78	61	49	43				59.8	
	MIN	33	34	48	38	37	34	29	30	45	29	30	39	38	35	40	48	53	52	47	51	44	47	52	55	41	35	36				40.7		
	MAX	52	56	55	55	47	45	39	48	70	49	51	60	66	57	56	67	72	83	75	74	65	78	84	80	79	62	41	46				61.1	
	MIN	33	34	44	32	35	29	28	30	40	26	28	40	38	33	41	53	43	44	48	44	51	44	46	57	38	34	35				38.5		
	MAX	52	53	53	51	45	46	37	47	69	45	49	54	63	56	55	65	78	83	72	70	64	81	84	80	79	57	38	51				59.9	
	MIN	31	35	45	33	36	31	28	28	44	26	29	37	39	31	36	54	41	45	50	43	40	39	39	48	53	38	35	34				38.5	
	MAX	52	54	53	57	49	47	39	47	69	48	49	60	61	56	57	64	78	81	71	69	64	77	83	80	79	55	42	53				60.5	
	MIN	31	35	45	33	36	31	28	28	44	26	29	37	39	31	36	54	41	45	50	43	40	39	39	48	53	38	35	34				38.2	
	MAX	53	43	54	56	44	47	40	46	64	53	43	58	68	54	60	64	79	79	65	61	55	49	55	61	57	40	36	37				60.4	
	MIN	34	35	47	37	38	35	30	31	46	25	29	37	33	36	39	57	48	49	54	50	50	46	48	49	55	40	35	35				41.4	
	08 SOUTH CENTRAL CARVILLE 2 SW FRANKLIN 3 NW JEANERETTE EXP STN LAFAYETTE FAA AP MORGAN CITY NEW IBERIA 5 NW	MAX	50	54	57	47	47	41	45	69	65	45	58	69	57	54	68	77	79	76	66	65	78	80	79	77	63	42	46	53				61.0
MIN		34	47	40	36	37	34	32	44	38	28	38	45	40	37	51	54	46	58	53	49	45	56	41	37	36	37				42.4			
MAX		52	54	55	60	48	47	40	47	72	49	49	61	65	55	58	68	79	81	75	71	65	78	82	81	80	57	40	45				61.2	
MIN		32	38	45	35	37	33	29	32	45	28	30	41	39	33	38	56	49	53	50	44	45	42	45	56	54	38	35	36				40.8	
MAX		51	54	55	58	48	49	41	48	67	51	50	60	63	52	58	73	69	75	74	67	69	75	77	76	79	66	46	46				60.6	
MIN		36	38	48	39	39	36	32	35	31	30	47	40	39	46	52	50	49	56	52	51	49	51	55	59	42	37	38				43.6		
MAX		62	54	55	58	50	52	43	47	70	60	47	67	61	52	57	66	74	72	72	74	75	81	81	64	59	46				62.4			
MIN		33	34	48	38	40	34	31	32	48	29	30	39	39	35	36	54	50	55	53	54	49	51	52	53	34	33	36				41.9		
MAX		54	55	55	56	50	56	47	61	68	58	46	63	58	53	60	67	76	80	75	70	75	76	79	81	80	70	50	52				63.3	
MIN		33	36	46	36	37	36	29	34	39	30	31	41	37	34	38	50	41	51	54	48	47	41	42	54	49	45	40	38				40.6	
MAX		55	57	59	55	55	49	47	71	67	46	63	60	53	58	63	72	79	79	71	73	74	79	78	79	72	61	51	52				63.7	
09 SOUTHEAST BOOTHVILLE WSCMO CI DELTA-BRETTON WL REF DONALDSONVILLE GOLDEN MEADOW HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP N O ADBON WSO CI PARADIS 7 S	MAX	50	54	55	57	53	58	48	51	72	61	47	62	60	60	58	62	75	80	79	70	71	74	80	77	78	71	55	48				63.3	
	MIN	35	46	50	39	40	31	32	46	33	30	36	45	38	36	51	54	49	57	53	50	47	48	55	47	38	37	40				40.0		
	MAX	53	54	56	59	54	56	58	53	71	65	47	62	59	53	62	68	74	78	72	73	70	77	78	76	72	55	55				60.8		
	MIN	33	39	49	40	39	38	33	34	49	32	32	44	40	38	44	50	48	48	55	50	44	47	46	54	50	40	40				43.4		
	MAX	50	54	55	57	51	56	43	52	71	57	47	60	61	60	59	67	75	79	77	70	73	73	79	78	75	68	48	47				62.4	
	MIN	35	35	48	38	38	32	32	46	31	29	39	39	39	38	42	56	43	53	55	48	50	45	47	50	55	43	37	39				42.0	
	MAX	58	55	65	59	54	58	48	53	68	60	48	56	58	48	61	65	71	70	69	60	69	70	66	72	68	65	51				61		M
	MIN	43	45	47	45	45	47	40	43	49	41	39	46	43	42	47	45	43	42	47	51	51	49	43	45	47	55	44	44				45.4	
	MAX	59	52	55	57	50	55	47	60	73	68	48	62	57	52	59	69	78	81	79	70	75	73	80	80	79	72	50	49				62.9	
	MIN	35	36	48	37	38	40	35	36	51	33	34	45	41	38	39	57	46	47	55	51	50	49	43	48	55	47	39	38				66.8	
	MAX	53	58	62	57	63	62	53	70	70	57	61	66	60	61	65	74	75	76	76	76	76	76	77	79	75	72	64	56				47.9	
MIN	37	50	54	42	46	42	35	40	51	36	41	50	41	43	47	61	54	57	59	54	52	52	50	56	56	42	42				64.5			
MAX	56	53	57	60	53	61	49	52	72	63	48	61	60	52	61	70	73	78	80	72	75	75	78	78	73	61	50				64.5			
MIN	38	39	49	41	41	33	33	34	49	33	34	47	41	41	42	60	50	54	58	51	53	44	47	56	53	49	40	40				45.1		
MAX	59	55	57	62	57	59	46	52	67	71	47	63	60	55	60	68	79	75	71	74	79	81	81	75	63	51				64.7				
MIN	34	36	53	39	40	41	32	34	49	33	32	46	40	38	38	58	51	51	53	49	50	45	49	51	55	49	45	44				44.0		
MAX	53	57	59	52	56	53	50	73	67	48	62	57	50	57	65	77	78	74	69	74	75	78	81	81	71	61	50				63.5			
MIN	39	46	48	42	47	36	35	47	39	36	47	48	47	39	55	59	52	47	54	49	44	49	52	56	47	45	43				49.2			
MAX	55	59	61	56	61	55	55	73	70	50	64	60	52	61	69	79	80	78	72	76	76	79	81	79	67	51	51				65.8			
MIN	41	50	49	43	49	37	35	50	40	36	49	51	43	45	58	61	54	56	59	56	57	50	51	58	59	49	47	49				49.2		
MAX	52	56	60	57	54	50	40	44	50	51	61	59	57	58	66	76	80	80	80	75	75	78	79	78	70	57	50				65.5			
MIN	35	45	54	40	44	40	44	50	44	31	29	39	39	38	52	60	54	52	56	51	51	45	45	54	53	47	41				46.1			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
FEBRUARY 1982

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PLAQUEMINES EXP STN		MAX	53	57	63	59	63	57	51	66	75	54	56	59	58	57	64	73	76	77	76	71	70	75	79	78	75	65	65	49				65.0
		MIN	40	49	55	42	48	44	36	44	52	37	40	45	40	38	50	59	51	53	50	48	52	42	52	51	50	56	44	43				46.8
RESERVE		MAX	62	52	57	59	50	55	50	55	72	66	49	62	58	52	57	68	75	78	76	77	75	78	80	78	71	55	54				64.3	
		MIN	35	35	49	39	39	38	32	31	48	32	32	44	40	37	42	58	44	49	53	46	45	46	46	55	54	48	40	40				42.8
SAINT BERNARD		MAX	50	56	61	59	58	57	50	70	71	51	59	60	57	58	69	79	78	78	72	74	73	77	79	80	73	66	63	50				65.3
		MIN	36	46	51	39	44	40	31	39	51	32	40	45	39	39	51	59	53	52	55	49	55	44	46	51	52	52	43	43				45.6
THIBODAUX 4 ESE		MAX	59	56	59	62	58	57	50	73	69	53	60	60	59	57	66	75	80	79	80	72	75	75	79	80	75	69	57	48				65.8
		MIN	36	45	53	39	42	39	31	41	52	32	42	46	40	38	48	61	48	52	56	49	54	42	46	52	51	48	39	42				45.1

DAILY SOIL TEMPERATURES

LOUISIANA
FEBRUARY 1982

STATION		DEPTH	TIME	DAY OF MONTH																												AVERAGE		
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		29	30
LOUISIANA NORTHWEST RED RIV VALLEY EXP STN 01	4MAX	(IN)		54	50	50	47	45	43	42	48	44	44	48	53	47	53	51	58	63	64	62	65	62	66	69	65	65	56	47	46			53.8
	4MIN	(IN)		46	45	45	44	43	42	41	40	43	42	40	40	43	42	42	48	51	51	51	51	51	50	50	53	54	47	44	43			45.8
NORTH CENTRAL CALHOUN EXP STATION 02	4MAX	(IN)		55	57	53	51	47	45	44	49	48	46	46	52	46	54	52	57	64	65	63	64	61	64	68	67	67	55	48	45			54.8
	4MIN	(IN)		48	48	49	47	45	44	43	42	44	44	43	42	44	43	43	49	53	53	52	51	50	51	51	54	55	48	45	45			47.4
NORTHEAST SAINT JOSEPH EXP STN 03	4MAX	(IN)		58	54	51	54	47	47	43	44	52	52	48	52	46	46	47	56	64	63	57	61	57	62	65	66	64	57	50	47			53.9
	4MIN	(IN)		45	44	49	46	44	42	38	37	44	40	40	40	43	40	38	47	53	53	51	50	50	50	50	54	56	49	47	45			45.9
WINNSBORO	4MAX	(IN)		60	54	51	55	47	48	42	46	57	50	47	52	47	47	48	56	65	65	60	64	58	64	65	65	66	57	50	46			54.7
	4MIN	(IN)		48	46	49	47	45	42	39	38	45	40	40	39	45	40	40	48	54	54	52	51	50	52	50	54	57	50	45	45			46.6
WEST CENTRAL ROSEPINE EXP STATION 04	4MAX	(IN)		54	58	53	57	49	45	43	47	56	50	52	57	56	56	50	57	70	70	69	66	58	68	73	71	72	58	46	47			57.4
	4MIN	(IN)		41	41	47	40	39	38	35	35	42	37	36	41	43	39	38	43	48	48	54	50	49	48	47	52	57	45	41	41			43.6
CENTRAL LSU OGAN LEE EXP STN 05	4MAX	(IN)		56	53	51	53	48	45	41	43	54	51	48	52	48	51	49	56	64	71	59	60	57	61	64	64	65	59	48	45			54.1
	4MIN	(IN)		44	43	48	44	42	41	36	35	42	39	38	39	42	40	39	48	52	50	53	50	50	50	49	51	53	48	43	42			44.7
EAST CENTRAL CLINTON 5 SE 06	4MAX	(IN)		59	54	52	56	51	49	47	46	56	57	53	56	53	53	53	59	66	66	65	63	60	62	64	65	65	63	55	50			57.1
	4MIN	(IN)		52	49	50	49	47	47	46	43	45	49	45	47	49	47	46	52	58	58	56	55	54	54	52	54	55	55	50	49			50.6
HAMMOND 5 E	4MAX	(IN)		57	57	57	61	55	54	51	47	57	59	58	61	57	57	58	62	72	72	69	68	69	73	73	74	71	55	51			61.7	
	4MIN	(IN)		40	42	42	42	43	43	37	37	45	39	40	44	43	39	38	55	56	53	55	50	50	47	49	51	53	54	47	46			47.7
SOUTHWEST CROWLEY EXP STATION 07	4MAX	(IN)		56	56	54	60	53	49	50	50	60	62	55	59	60	55	53	63	71	72	69	65	65	70	72	72	64	52	50			60.3	
	4MIN	(IN)		41	42	49	44	43	40	37	37	45	39	38	41	44	41	42	-	55	53	56	53	53	49	50	52	58	50	42	42			45.6
SOUTHEAST HOUMA	4MAX	(IN)		59	54	54	59	53	56	51	50	59	59	48	56	54	55	55	59	64	64	67	66	66	69	70	78	69	69	59	53			59.8
	4MIN	(IN)		48	48	51	49	49	49	45	44	48	46	45	48	49	47	46	54	54	54	57	57	56	54	54	56	57	58	52	50			51.0

STATION NAME	SOIL TYPE	SOIL COVER	SLOPE	UNITS
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%	F
CLINTON 5 SE	BUFF TERRACE	BARE	0%	F
CROWLEY EXP STATION	COASTAL PRAIRIE	BARE	0%	F
HAMMOND 5 E	FINE SANDY LOAM	BARE	0%	F
HOUMA	MOON SILT CLAY LOAM	BARE	0%	F
LSU OGAN LEE EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
MONROE NLU	SHARKEY CLAY	BARE	0%	F
RED RIVER VALLEY EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
ROSEPINE EXP STA	FINE SANDY LOAM	BARE	0%	F
SAINT JOSEPH EXP STA	SHARKEY CLAY	BARE	0%	F
WINNSBORO	BUFF TERRACE	BARE	0%	F

EVAPORATION AND WIND

LOUISIANA
FEBRUARY 1982

STATION		DAY OF MONTH																															TOTAL OR AVG
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LOUISIANA 01 NORTHWEST RED RIV VALLEY EXP STN	WIND	49	62	54	58	55	73	44	69	47	46	29	48	53	34	85	99	67	31	28	19	35	22	41	71	70	73	72	23				1457
	EVAP	12	0	3	5	-	-	-	13	0	5	8	4	-	-	11	6	15	7	7	9	7	14	16	19	13	3	0				1.968	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
NORTH CENTRAL 02 CALHOUN EXP STATION	WIND	50	18	31	61	20	52	27	18	33	40	12	15	48	19	39	73	29	16	23	13	26	29	23	40	74	94	58	35			1016	
	EVAP	7	8	0	7	3	-	-	-	2	-	-	-	4	-	-	-	-	10	9	10	9	18	18	19	18	12	-	-	-	-	1	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
NORTHEAST 03 SAINT JOSEPH EXP STN	WIND	82	63	61	128	103	120	127	36	90	141	70	65	79	57	24	72	63	14	46	40	23	51	20	59	98	154	100	60			2046	
	EVAP	-	-	0	11	6	12	-	-	-	-	-	-	3	-	-	-	-	22	1	1	10	5	6	13	18	14	9	0	3		M	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
EAST CENTRAL 06 LSU BEN-HUR EXP STN	WIND	29	61	66	109	88	131	150	44	107	162	45	38	129	50	38	95	63	20	59	18	17	49	15	27	42	97	115	85			1949	
	EVAP	9	9	13	11	8	10	6	9	10	8	18	18	6	11	8	-	18	14	13	14	9	18	15	18	15	12	0	3		3.088		
	MAX	55	58	55	64	58	54	51	48	67	60	58	66	60	62	59	66	81	82	81	76	70	77	81	82	80	71	51	51		65.1		
	MIN	39	40	48	40	40	40	36	-	47	36	34	46	40	38	42	55	54	58	57	54	53	49	52	53	57	47	41	41		45.8		
SOUTHEAST 09 HOUMA	WIND	73	83	52	60	80	68	89	45	64	84	30	56	55	48	51	77	67	32	27	30	19	30	20	17	31	77	70	49			1484	
	EVAP	5	14	-	21	0	8	4	10	5	17	9	11	7	12	9	0	12	11	13	17	11	14	11	17	12	19	3	6		2.808		
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

LOUISIANA
FEBRUARY 1982

DAY OF MONTH

STATION

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LOUISIANA NORTHWEST PLAIN DEALING SARVEPORT WSO AP	01						T T																									
NORTH CENTRAL MONROE FAA AP	02																															

SNOWFALL: INCLUDES SNOW AND ICE
SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL
WATER EQUIVALENT: GIVEN FOR AWS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.
SEE REFERENCE NOTES FOLLOWING STATION INDEX

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STATION

OBSERVER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

RESULTANT WIND: The vector sum of wind velocity (direction and speed) divided by the number of observations. In "Supplemental Data" tables, resultant directions are in tens of degrees.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- ++ Highest observed one minute wind speed. The station is not equipped with an instrument to measure fastest mile.
- * Gage not read. The precipitation included in the amount following the asterisks. Time distribution not known.
- // Gage equipped with a windshield.
- ~ Extreme occurred at a station with incomplete data. It may have been exceeded at that station.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading.
- B Adjusted monthly value of evaporation. Total evaporation amount is divided by number of recorded days, multiplied by number of days in the month.
- D Water equivalent of snowfall entirely or partially estimated, using a ratio of 1 inch water to every 10 inches of new snowfall.
- M Missing data. It appears with the average temperature in the "Monthly Summarized Station and Divisional Data" table if less than 10 days data are missing and it appears alone if 10 or more days are missing.
- R Amounts from recording gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Monthly Snowfall and Snow on Ground" table.
- J Observations appear in "Supplemental Data" table.
- MID Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months.
- WI Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Late Reports and Corrections will be published annually as a supplemental bulletin.

Interpolated values for monthly precipitation totals may be found in the annual issue of this bulletin. Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

Information concerning the history of changes in locations, exposure, etc of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE THRU:
THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE N.C. 28801
ATTN: PUBLICATIONS

SPECIAL WEATHER SUMMARY

Highlights

Temperatures were 3 to 5° below normal in the north to near normal over the southeast. Rainfall ranged from 1-2 inches below normal over northeast, southeast, and south central Louisiana to 1-3 inches above normal over the eastern climatic zones of the State.

Analysis of Synoptic Weather Types for February

The upper-air pattern of ridges and troughs over North America continued to control the surface weather over Louisiana during February. An upper-air trough tended to be located over the Rocky Mountains or the Great Plains, especially during the first half of the month; the average positions of the trough brought unusually cold air to the Western States and the Great Plains, with cold polar air at the surface over the State most of the first half of the month.

During the latter half of February, the upper-air flow became much more zonal, that is more directly from west to east, so that Louisiana received very little cold polar air directly from the north. At the same time, however, this zonal flow prevented a strong return of warm moist air from the Gulf, except for the memorable weather of Mardi Gras.

Unlike during January, most of the cold polar air during February arrived over Louisiana indirectly from the west and northwest, so that unusually low temperatures did not occur. Instead, surface weather patterns were characterized by frequent frontal overrunning (FOR) conditions, with stationary fronts and mid-latitude cyclones over the northern Gulf. The resultant weather tended to be cloudy, cool, damp, and rainy, especially over southern sections of the State.

The preliminary analysis of synoptic weather types over southeastern Louisiana for February 1982, shows the following frequencies, with the 20-year average for 1961-1980 included for comparison. Average frequencies for March are also shown.

Synoptic Weather Types

	February		March
	1982	1961-80	1961-80
Pacific High (PH)	7	7	6
Continental High (CH)	25	25	20
Frontal Overrunning (FOR)	46	27	23
Coastal Return (CR)	5	8	8
Gulf Return (GR)	7	11	21
Frontal Gulf Return (FGR)	8	17	19
Gulf Tropical Disturbance (GTD)	0	0	0
Gulf High (GH)	2	6	2
Continental Index (CH+FOR)	71	52	43
Tropical Index (GR+FGR)	15	28	40
Storminess Index (FOR+FGR)	54	44	42

In synoptic weather type terms, February was closer to a more normal month than January. Nevertheless, the Frontal Overrunning (FOR) frequency of 46% is the highest of the data series beginning with 1961. The previous high of 45% occurred during February 1979. At the same time, the infrequent occurrence of Frontal Gulf Return (FGR) weather, only 8%, tied for fourth lowest of the data series. In summary, the Continental Index (CI) was above average, the Tropical Index (TI) was below average, and the Storminess Index (SI) above average. The result, especially over southeastern Louisiana, was a cloudy, cold, wet, month. The only really significant breaks occurred during Gulf Return (GR) and Frontal Gulf Return (FGR) weather, warm and windy with some showers and thunderstorms, which lasted for no more than 36 to 48 hours on four occasions ahead of cold fronts.

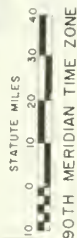
There were no record highs at Baton Rouge and Shreveport during February 1982. Two new record highs were set at Lake Charles with 79° on the 17th and 80° on the 22nd. A record high was tied at Lake Charles with 79° on the 23d. New Orleans Moisant set a new record high with 81° on the 24th, and tied the old record with 81° on the 23d. New Orleans Audubon tied its record high on the 23d with 81°.

A record low temperature was tied at Lake Charles on the 27th with 36°; 21° at Shreveport on the 6th was a new record for that date. There were no record lows at Baton Rouge and New Orleans.

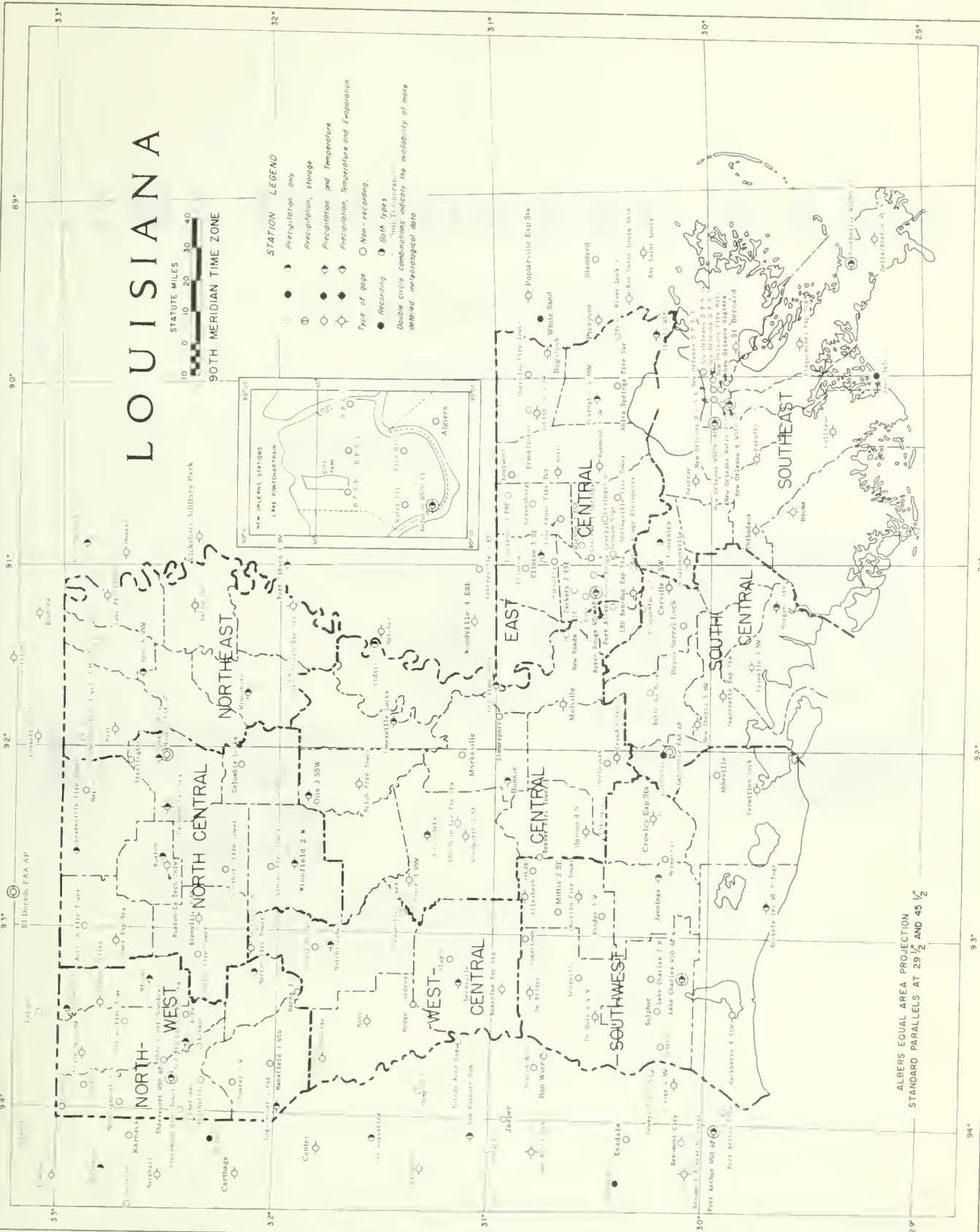
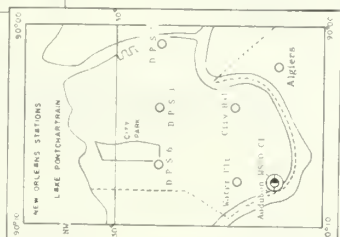
Daily water budgets at nine stations by the end of February showed soil moisture at capacity, which is normal for winter. February surplus water, which becomes groundwater and streamflow, 72% of normal at Shreveport, 32% of normal at Jeanerette in South Central, Louisiana, and only 4% of normal at Lake Charles. Surplus water was normal to slightly above normal at Ruston, St. Joseph, Rosepine, Alexandria, Baton Rouge, and New Orleans.

Dr. Robert A. Muller, State Climatologist
Department of Geography and Anthropology
LSU, Baton Rouge, LA 70803

LOUISIANA



- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - Precipitation and Temperature
 - Precipitation, Temperature and Evaporation
 - Type of gage ○ Non-recording, ● Recording
 - Both types
 - Double circle combinations indicate the availability of more detailed meteorological data



ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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CLIMATOLOGICAL DATA

LOUISIANA

MARCH 1982

VOLUME 87

NUMBER 3



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28801

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
MARCH 1982

LOUISIANA
HIGHEST TEMPERATURE 92
HIGHEST TEMPERATURE PRECIPITATION 2.59
GREATEST TOTAL PRECIPITATION 6.25
GREATEST TOTAL DAY PRECIPITATION 1.25
GREATEST 1 DAY PRECIPITATION 5.08

MARCH 20
MARCH 27

DE RIDDER STATIONS
BOGALUSA
PLAIN DEALING
BOGALUSA

MARCH 31

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
MARCH 1982

STATION	TEMPERATURE (°F)						PRECIPITATION (IN)										
	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS						
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW			
LOUISIANA																	
NORTHWEST																	
01																	
COTTON VALLEY	69.1	48.9	59.0	59.0		8719+	27 9+	258	80	0	0	4	0	0	0	0	0
LOGANSPORT 4 ENE	73.3	51.5	62.4	62.4		8818	25 7	186	114	0	0	4	0	0	0	0	0
MINDEN	70.0	48.6	59.3	59.3	3.6	8821	26 7	257	86	0	0	4	0	0	0	0	0
PLAIN DEALING	68.8	47.0	57.9	57.9	3.4	8621+	29 7	277	73	0	0	1	0	0	0	0	0
RED RIV VALLEY EXP STN	69.1	49.2	59.2	59.2	3.4	8621+	29 7	250	74	0	0	1	0	0	0	0	0
SHREVEPORT WSO AP	71.1	51.8	61.5	61.5	4.7	8720+	28 7	202	99	0	0	1	0	0	0	0	0
--DIVISIONAL DATA----->				59.9	4.2												
NORTH CENTRAL																	
02																	
BIENVILLE 3 NE	71.8	50.8	61.3	61.3		9019	28 7	215	108	1	0	3	0	0	0	0	0
CALHOUN EXP STATION	70.4	50.1	60.3	60.3	3.9	8919	28 7	233	93	0	0	3	0	0	0	0	0
HOMER EXP STATION	69.5	47.4	58.5	58.5	7.3	8718	30 8+	227	124	0	0	3	0	0	0	0	0
MONROE FAA AP	72.7	54.0	63.4	63.4	7.3	9019	29 8	172	126	1	0	2	0	0	0	0	0
MONROE NLU	69.5	49.8	59.7	59.7	5.0	8820+	29 8	246	86	0	0	2	0	0	0	0	0
RUSTON-LA TECH UNIV	70.5	50.3	60.4	60.4	4.6	8820+	28 7	232	98	0	0	2	0	0	0	0	0
WINNFIELD 2 W	73.9	50.8	62.4	62.4	4.8	9018	28 8	187	115	1	0	3	0	0	0	0	0
--DIVISIONAL DATA----->				60.9	4.8												
NORTHEAST																	
03																	
BASTROP	73.1	51.6	62.4	62.4	5.7	8919	30 8+	180	105	0	0	2	0	0	0	0	0
EPPS 6 WNW	70.0	50.5	60.3	60.3	4.2	8819	29 8+	227	87	0	0	2	0	0	0	0	0
LAKE PROVIDENCE	69.7	50.3	60.0	60.0	4.2	8819	29 8+	227	87	0	0	2	0	0	0	0	0
SAINT JOSEPH EXP STN	68.5	51.0	59.8	59.8	3.6	8421+	30 8	245	87	0	0	2	0	0	0	0	0
TALLULAH	70.1	49.2	59.7	59.7	3.3	8919	28 8	251	92	0	0	2	0	0	0	0	0
WINNSBORO	70.0	50.3	60.2	60.2	3.2	8721+	28 8	237	90	0	0	2	0	0	0	0	0
--DIVISIONAL DATA----->				60.4	4.0												
WEST CENTRAL																	
04																	
ASHLAND	69.7	48.3	59.0	59.0		8620+	27 9+	273	92	0	0	5	0	0	0	0	0
CONVERSE	70.8	49.3	60.1	60.1	4.0	8821+	30 7	246	100	0	0	4	0	0	0	0	0
LEESVILLE	71.9	52.8	62.4	62.4	4.0	8821+	25 7	187	110	0	0	4	0	0	0	0	0
MANY	72.4	50.0	61.2	61.2	2.9	9019	28 7	212	103	1	0	4	0	0	0	0	0
NATCHITOCHES	71.4	51.5	61.5	61.5	2.9	9019	31 7	213	112	1	0	4	0	0	0	0	0
ROSEPINE EXP STATION	71.4	52.0	61.7	61.7	3.1	8721	30 7	197	101	0	0	2	0	0	0	0	0
--DIVISIONAL DATA----->				61.0	3.1												
CENTRAL																	
05																	
ALEXANDRIA	71.5	52.1	61.8	61.8		8721+	34 8+	201	106	0	0	2	0	0	0	0	0
BEAUFORT FIRE TOWER	71.4	51.1	61.3	61.3		8921+	30 8+	204	197	0	0	2	0	0	0	0	0
BOYCE 3 WNW	71.9	51.7	61.8	61.8	3.4	8720	32 7	197	105	0	0	1	0	0	0	0	0
BUNKLE	71.7	51.6	61.7	61.7		8821	32 7	204	108	0	0	1	0	0	0	0	0
GRAND COTEAU	73.8	53.1	63.5	63.5		8520+	33 8	153	114	0	0	0	0	0	0	0	0
JONESVILLE LOCKS EXP STN	70.6	51.4	61.0	61.0		8821	32 8+	200	111	0	0	2	0	0	0	0	0
LSU DEAN LEE EXP STN	71.5	52.5	62.5	62.5		8631	33 7	116	108	0	0	0	0	0	0	0	0
MAZOU 4 S	75.3	55.5	65.9	65.9	2.3	8631	33 7	116	151	0	0	0	0	0	0	0	0
MELVILLE	72.3	52.7	62.4	62.4		8621+	32 8	189	115	0	0	1	0	0	0	0	0
NEW ROADS 5 ESE	72.3	52.7	62.5	62.5		8919	32 8	189	120	0	0	1	0	0	0	0	0
OLD RIVER LOCK	70.9	50.7	60.9	60.9		8621+	31 9	233	198	0	0	2	0	0	0	0	0
OLA 3 SSW	70.8	50.7	60.9	60.9		8621+	31 9	233	198	0	0	2	0	0	0	0	0
WOODWORTH 2 SE	72.6	51.2	61.2	61.2		8821	29 8+	193	104	0	0	2	0	0	0	0	0
SEE REFERENCE NOTES FOLLOWING STATION INDEX																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
MARCH 1982

STATION		TEMPERATURE (°F)										PRECIPITATION (IN)										
MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	SNOW	SLEET	NO. OF DAYS
											90 OR ABOVE	32 OR BELOW	32 OR BELOW									
--DIVISIONAL DATA----->																						
EAST CENTRAL																						
06																						
73.9	63.2	52.4	63.2	4.0	8921+	8	28	8	179	132	0	1	3.45	-2.33	1.3531	1.3531	3.45	0				2
72.8	62.1	52.0	62.1	3.7	8820	8	31	8	181	130	0	1	3.59	-2.05	1.5036	1.5036	3.59	0				2
73.1	62.6	52.3	62.6	3.4	89119	8	30	8	196	127	0	1	3.82	-2.82	1.3131	1.3131	3.82	0				2
75.4	63.7	51.9	63.7	3.6	8811	8	28	8	160	125	0	2	4.63	-1.62	1.8531	1.8531	4.63	0				2
74.2	62.8	51.3	62.8	2.1	8918+	8	27	8	188	128	0	3	3.64	-3.06	3.7731	3.7731	3.64	0				2
72.8	61.9	50.9	61.9	2.1	8719+	8	27	8	201	111	0	3	3.75	-3.06	1.9831	1.9831	3.75	0				2
73.1	62.3	51.3	62.3	2.1	8919+	8	28	8	194	116	0	3	3.75	-3.06	1.9831	1.9831	3.75	0				2
71.8	62.3	51.3	62.3	2.1	8619+	8	28	8	194	116	0	3	3.75	-3.06	1.9831	1.9831	3.75	0				2
74.4	64.0	53.6	64.0	3.4	8818	8	32	8	152	129	0	1	3.84	-2.07	1.3522	1.3522	3.84	0				2
--DIVISIONAL DATA----->																						
SOUTHWEST																						
07																						
70.4	62.0	53.6	62.0	2.6	8518	8	33	8	191	106	0	0	1.73	-2.47	1.6328	1.6328	1.73	0				0
72.3	61.2	50.1	61.2	3.2	8721	8	30	8	200	113	0	0	2.55	-2.05	1.2528	1.2528	2.55	0				0
72.1	62.5	52.9	62.5	3.4	9220	7	34	7	186	103	0	0	4.09	-3.00	1.0324	1.0324	4.09	0				0
72.3	62.1	51.8	62.1	3.2	8721	7	34	7	179	103	0	0	4.09	-3.00	2.0324	2.0324	4.09	0				0
68.6	61.7	54.8	61.7	3.2	88118	7	34	7	179	103	0	0	4.09	-3.00	2.0324	2.0324	4.09	0				0
70.9	62.2	53.4	62.2	3.2	8518	7	33	7	193	112	0	0	2.73	-2.50	1.9528	1.9528	2.73	0				0
72.4	63.5	54.5	63.5	3.2	8420+	7	35	7	156	122	0	0	3.19	-1.11	1.7627	1.7627	3.19	0				0
72.5	63.4	54.5	63.4	3.2	8621+	7	35	7	166	122	0	0	3.19	-1.11	1.7627	1.7627	3.19	0				0
70.8	62.9	54.9	62.9	3.2	8822+	7	35	7	154	97	0	0	2.72	-1.49	1.8028	1.8028	2.72	0				0
70.4	61.6	52.7	61.6	2.6	8422+	7	35	7	197	98	0	0	2.72	-1.49	1.9728	1.9728	2.72	0				0
--DIVISIONAL DATA----->																						
SOUTH CENTRAL																						
08																						
69.6	59.8	50.0	59.8	3.2	8518	8	34	8	202	48	0	0	2.04	-3.00	1.6023	1.6023	2.04	0				0
73.4	64.3	55.1	64.3	3.2	8518	8	34	8	143	126	0	0	2.83	-1.46	1.9022	1.9022	2.83	0				0
70.7	62.2	54.0	62.2	2.3	8519+	8	34	8	182	103	0	0	4.82	-1.76	1.7527	1.7527	4.82	0				0
70.8	63.0	54.2	63.0	1.2	8626+	8	36	8	159	104	0	0	1.67	-1.24	1.0723	1.0723	1.67	0				0
71.7	63.0	54.2	63.0	1.2	8626+	8	36	8	159	104	0	0	1.67	-1.24	1.9527	1.9527	1.67	0				0
71.1	62.7	54.3	62.7	1.9	8518	8	34	8	169	106	0	0	1.67	-1.24	1.4028	1.4028	1.67	0				0
--DIVISIONAL DATA----->																						
SOUTHEAST																						
09																						
67.9	60.4	53.2	60.4	3.4	7919	8	40	8	158	23	0	0	3.99	-2.54	2.0036	2.0036	3.99	M				1
72.0	62.3	52.6	62.3	3.4	8719	8	32	8	187	113	0	0	1.32	-2.54	1.4024	1.4024	1.32	0				1
72.5	64.3	57.0	64.3	2.2	8619	8	36	8	143	134	0	0	2.70	-2.54	1.8524	1.8524	2.70	0				1
72.5	64.3	57.0	64.3	2.2	8619	8	36	8	143	134	0	0	2.70	-2.54	1.8524	1.8524	2.70	0				1
73.4	63.8	54.2	63.8	5.2	9021	8	33	8	159	128	1	0	4.00	-2.93	1.4323	1.4323	4.00	0				2
75.2	65.5	55.7	65.5	6.2	8818	8	38	8	127	160	0	0	3.54	-2.46	1.8836	1.8836	3.54	0				0
75.2	65.5	55.7	65.5	6.2	8818	8	38	8	127	160	0	0	3.54	-2.46	1.8836	1.8836	3.54	0				0
73.5	64.4	55.3	64.4	3.8	8618	8	36	8	130	120	0	0	3.31	-3.83	1.8028	1.8028	3.31	0				0
73.5	64.4	55.3	64.4	3.8	8618	8	36	8	130	120	0	0	3.31	-3.83	1.8028	1.8028	3.31	0				0
73.1	63.5	53.9	63.5	3.8	8819	8	31	8	153	116	0	0	2.97	-2.57	1.8422	1.8422	2.97	0				0
75.3	65.5	55.5	65.5	4.1	8918	8	35	8	130	133	0	0	2.53	-2.97	1.7531	1.7531	2.53	0				0
75.3	65.5	55.5	65.5	4.1	8718	8	35	8	130	133	0	0	2.53	-2.97	1.7531	1.7531	2.53	0				0
--DIVISIONAL DATA----->																						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
MARCH 1982

SEE REFERENCE NOTES FOLLOWING STATION INDEX 5

LOUISIANA
MARCH 1982

SEE REFERENCE NOTES FOLLOWING STATION INDEX 6

DAILY PRECIPITATION (INCHES)

LOUISIANA
MARCH 1982

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
05																
CENTRAL	31							.37						.01	T	
ALEXANDRIA FIRE TOWER	32						.01	.18						.07		.09
BELLEVUE FIRE TOWER	33						.45	.10						.01		.01
BOYCE 3 NW	34						.40									
BUNKIE	35							.47								
EUNICE	36						.44	.14						.02		
GRANDES COTEAU LOCKS	37						.26	.82						.01		.02
LSU DEAN LEE EXP STN	38						.05	.34						T		
MARKYVILLE 4 S	39						.25	.06								
MARKYVILLE	40						.35	.79						.03		.02
MELVILLE 5 ESE	41						.03	.54								
NEW RIVER LOCK	42						.10	.26						T		.02
OLD RIVER 3 SSW	43						T	.48						.05		.02
OPELOUSAS	44						.14	.15						.03		
PORT ALLEN	45						.12	.47							T	T
SIMMESPORT	46						.15	.31						.02		.02
VIOLETTA 2 SE	47						.10									
WOODHORTH 2 SE	48															
06																
EAST CENTRAL F TWR	49						.18	.39						T		
ABITIA	50						.39	.02								
BAKER	51						.25	.89								
BATON ROUGE CENTRAL	52						.33	.20						T		
BATON ROUGE WSO AP	53						.50	.65								
BATON ROUGE WOODLAWN	54						.24	.85						.02		
BOGALUS	55						.16	.32						.02		
BULLINGTON 5 SE	56						.20	.14								
BULLINGTON 4 NNW	57						.40	.10								
COVINGTON SPRINGS	58						.70	.12								
DENHAM LINTON 2 SW	59						.40	.60								
FRANKLINTON 3 SW	60						.06	.58								
GREENWELL SPRINGS	61						.23	.42								
HAMMOND 5 E	62						.62	.94						T		
HAMMOND 3 NW	63						.93	.26								
KENTWOOD 3 ENE	64						.67	.47								
LIVINGTON 3	65						.75	.77								
LIVINGTON 3 EXP STN	66						.28	.35								
LSU BEN-HUR EXP STN	67						.22	.40								
OAKNOLIA RIVER LOCK 1	68						.22	.35								
PEARL GRACENT FIRE TOWER	69						.22	.40								
PORT VINCENT	70						.22	.40								
SAINT VINCENT	71						.22	.40								
SHERIDAN FIRE TOWER	72						.22	.40								
SHERIDAN WSO FIRE TOWER	73						.22	.40								
SPRINGVILLE	74						.22	.40								
SPRINGVILLE 3 ESE	75						.22	.40								
ZACHARY 2 ESE	76						.22	.40								
07																
SOUTHWEST	77						T	.65						.02		
ABBEVILLE EXP STATION	78						.39	.43						.02		.06
ACROWLEY 4 N	79						.21	.27						.02		.02
CODE QUINCY	80						.21	.26						.02		
ELIZABETH 8 SSW	81						.11	.16						.01		
JACKSON	82						.12	.37						.01		
JENNINGS	83						.05	.90								
LAKE CHARLES 2 N AP	84						.17	.08								
LAKE CHARLES WSO AP	85						.17	.08								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
MARCH 1982

STATION		DAY OF MONTH															
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
05	CENTRAL																
	ALEXANDRIA FIRE TOWER																
	BEAVER FIRE TOWER																
	BELLAH 3 WNW																
	BBOYCE 3																
	BUNNICKIE																
	GRANDEVILLE																
	JONESVILLE																
	LSU DEAN S																
	MARKSVILLE																
	MELVILLE																
	NEW RIVERS																
	OLD R 3 SSW																
06	LOUISIANA																
	ROBERT ALBERT																
	STAMMESPORT																
	VIDALIA 2																
	WOODWORTH 2 SE																
	EAST CENTRAL																
	SPRINGS F TWR																
	AMITE																
	BAKER																
	BATON CENTRAL																
	ROUGE WSO AP																
	ROUGE WOODLAWN																
	BAGALTON																
07	BOLIVINGTON 5 SE																
	CLINTON 4 NNW																
	COVINGTON SPRINGS																
	DEANKLINTON 3 SW																
	FRANKLIN SPRINGS																
	GREENWELL 5 NW																
	HAMMOND 3																
	HENTWOOD																
	KENTWOOD 3 ENE																
	LIVINGSTON 3 ENE																
	LSU BATON F TWR																
	OAKRIDGE 1																
	ROBERT RIVER FIRE TOWER																
SAINT VINCENT FIRE TOWER																	
SHERIDAN FIRE TOWER																	
SPRINGFIELD FIRE TOWER																	
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SPRINGFIELD																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
MARCH 1982

STATION

TOTAL

DAY OF MONTH

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LONGVILLE	01						.27						.01		15
MENTAUX	02				T	.05	.47								T
MITTIE	03					.27	.57								
OAKDALE	04					.29	.75						.03		14
ROCKEFELLER FIRE TOWER	05					.09	.09						.02		.03
SULPHUR	06					.30	.21								.11
VERMILION LOCK	07					.02	.02	T							
	08					.32									
SOUTH CENTRAL LOCK	09														
BAYOU SORRELL	10					1.33	.60								
BUTTE LA ROSE	11					.46	.78								
CARVILLE 2 SW	12					.45	.50						.01		
FRANKLIN 3 NW	13					.01	.75								
JEANERETTE EXP STN	14				T	.55	.75								
LAFAYETTE FAA AP	15					.95	.95						T	.01	
MORGAN CITY 5 NW	16					.31	.31								
NEW LAURENCE	17					.43	.43								
PLAQUEMINE 2 N	18														
	19														
SOUTHEAST	20														
BOOTHVILLE WSCMO CI	21	.01				2.00	.60					.02			.02
DELTA-8RETON WL REF	22				.01	.00	.40								
DONALDSONVILLE	23				.09	.03	.60								
GOLDEN MEADOW	24					.07	.76								
GONZALES	25						.07	T							
HOUMA	26				T	.88	1.07	.02							
LOUISIANA NATURE CTR	27														
NEW ORLEANS WSCMO AP	28					.88	.04								
NEW ORLEANS WSCMO AP	29					.05	1.15								
NEW ORLEANS ALG CTRS	30					.05	.65								
NEW ORLEANS ALP S 14	31					.05	1.10								
NEW ORLEANS WATER HALL	32					.05	.73								
NEW ORLEANS CITY S 3	33					.05	.83								
NEW ORLEANS D P S 3	34					.05	.83								
NEW ORLEANS D P S 6	35					.05	.83								
NEW ORLEANS D P S 6	36					.05	.83								
NEW ORLEANS D P S 6	37					.05	.83								
NEW ORLEANS D P S 6	38					.05	.83								
NEW ORLEANS D P S 6	39					.05	.83								
NEW ORLEANS D P S 6	40					.05	.83								
NEW ORLEANS D P S 6	41					.05	.83								
NEW ORLEANS D P S 6	42					.05	.83								
NEW ORLEANS D P S 6	43					.05	.83								
NEW ORLEANS D P S 6	44					.05	.83								
NEW ORLEANS D P S 6	45					.05	.83								
NEW ORLEANS D P S 6	46					.05	.83								
NEW ORLEANS D P S 6	47					.05	.83								
NEW ORLEANS D P S 6	48					.05	.83								
NEW ORLEANS D P S 6	49					.05	.83								
NEW ORLEANS D P S 6	50					.05	.83								
NEW ORLEANS D P S 6	51					.05	.83								
NEW ORLEANS D P S 6	52					.05	.83								
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NEW ORLEANS D P S 6	61					.05	.83								
NEW ORLEANS D P S 6	62					.05	.83								
NEW ORLEANS D P S 6	63					.05	.83								
NEW ORLEANS D P S 6	64					.05	.83								
NEW ORLEANS D P S 6	65					.05	.83								
NEW ORLEANS D P S 6	66					.05	.83								
NEW ORLEANS D P S 6	67					.05	.83								
NEW ORLEANS D P S 6	68					.05	.83								
NEW ORLEANS D P S 6	69					.05	.83								
NEW ORLEANS D P S 6	70					.05	.83								
NEW ORLEANS D P S 6	71					.05	.83								
NEW ORLEANS D P S 6	72					.05	.83								
NEW ORLEANS D P S 6	73					.05	.83								
NEW ORLEANS D P S 6	74					.05	.83								
NEW ORLEANS D P S 6	75					.05	.83								
NEW ORLEANS D P S 6	76					.05	.83								
NEW ORLEANS D P S 6	77					.05	.83								
NEW ORLEANS D P S 6	78					.05	.83								
NEW ORLEANS D P S 6	79					.05	.83								
NEW ORLEANS D P S 6	80					.05	.83								
NEW ORLEANS D P S 6	81					.05	.83								
NEW ORLEANS D P S 6	82					.05	.83								
NEW ORLEANS D P S 6	83					.05	.83								
NEW ORLEANS D P S 6	84					.05	.83								
NEW ORLEANS D P S 6	85					.05	.83								
NEW ORLEANS D P S 6	86					.05	.83								
NEW ORLEANS D P S 6	87					.05	.83								
NEW ORLEANS D P S 6	88					.05	.83								
NEW ORLEANS D P S 6	89					.05	.83								
NEW ORLEANS D P S 6	90					.05	.83								
NEW ORLEANS D P S 6	91					.05	.83								
NEW ORLEANS D P S 6	92					.05	.83								
NEW ORLEANS D P S 6	93					.05	.83								
NEW ORLEANS D P S 6	94					.05	.83								
NEW ORLEANS D P S 6	95					.05	.83								
NEW ORLEANS D P S 6	96					.05	.83								
NEW ORLEANS D P S 6	97					.05	.83								
NEW ORLEANS D P S 6	98					.05	.83								
NEW ORLEANS D P S 6	99					.05	.83								
NEW ORLEANS D P S 6	100					.05	.83								

DAILY PRECIPITATION (CONT)

LOUISIANA
MARCH 1982

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LONGVILLE LORMENTAU MILITARY 2 SE OAKDALE FIRE TOWER ROCKEFELLER WL REFUGE SULPHUR VERMILION LOCK	T				T		.02	.45 .25	.04 .85	.99 .80	T	T .02 .50 .24	1.13 .80 .33 .54 1.80 1.98 .97		T .04 .02	.03 .14 .07 .04
SOUTH CENTRAL 8AYOTTE LA ROSE CARVILLE 2 SW FRANKLIN 3 NW JEANERETTE EXP STN LAFAYETTE FAA AP MORGAN CITY 5 NW NEW IBERIA 5 N PLAQUEMINE 2 N		T				.08	T .32 .90 .30 .77 .04 1.123	.52 .48 .60 .75 .48 1.07 .69 .20 .56	.37 .58 .34 T .44 T .87 .29 .29	.02 .02 .22 .05		T .02 .52 .22 .05	.36 .45 .04 .48 .62 .40 .40	.01 .19 .21		.05 .16 .01 .34 T .25 .47
SOUTH EAST 800THVILLE WSCMO CI DELTA-8RETION WL REF DONALDSONVILLE GONZALES HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP NEW ORLEANS WSFO CI NEW ORLEANS ALGERS 14 NEW ORLEANS WATER PLT NEW ORLEANS CITY HALL NEW ORLEANS CITY S5 NEW ORLEANS D P S 3 NEW ORLEANS D P S 6 PARADES 7 PLAQUEMINE EXP STN RESERVE SAINT BERNARD THIBODAUX 4 ESE	-	-	-	-	.07	.02	- .07 .07 1.110 1.5 1.42 1.95 1.95 1.12 1.170 1.27 1.96 1.14 1.84 1.98 1.28	- 17 .27 .26 1.43 1.33 1.2 02 .02 .02 03 08 03 03 34 50 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	- 38 30 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25 -26 -27 -28 -29 -30 -31 -32 -33 -34 -35 -36 -37 -38 -39 -40 -41 -42 -43 -44 -45 -46 -47 -48 -49 -50 -51 -52 -53 -54 -55 -56 -57 -58 -59 -60 -61 -62 -63 -64 -65 -66 -67 -68 -69 -70 -71 -72 -73 -74 -75 -76 -77 -78 -79 -80 -81 -82 -83 -84 -85 -86 -87 -88 -89 -90 -91 -92 -93 -94 -95 -96 -97 -98 -99 -100	- T 						

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LOUISIANA
MARCH 1982

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
MARCH 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
05	NATCHITOCHES	MAX 58	67	73	71	76	57	42	58	67	68	77	76	75	84	82	83	84	86	90	88	89	69	65	67	66	77	61	46	66	71	74	71.4
	MIN 36	38	41	52	47	39	31	33	37	44	53	60	66	67	67	69	71	65	69	71	69	51	49	49	56	43	40	39	39	46	61	51.5	
	ROSEPIKE EXP STATION	MAX 57	67	69	71	79	57	42	58	65	67	74	78	73	83	82	82	85	82	85	85	87	83	67	69	73	80	62	44	62	72	73	71.4
	MIN 37	35	44	53	51	39	30	31	38	47	53	61	65	66	67	68	68	65	67	69	69	51	50	54	57	44	41	38	41	49	63	52.0	
	CENTRAL																																
	ALEXANDRIA	MAX 55	67	70	72	77	56	43	58	63	69	75	77	77	83	81	83	84	85	87	86	87	76	63	71	69	84	61	48	63	72	74	71.7
	MIN 37	37	46	51	50	41	37	34	36	44	49	60	63	66	69	63	66	69	67	70	69	52	50	51	55	44	41	40	40	44	63	52.7	
	BELAH FIRE TOWER	MAX 55	67	70	71	76	55	45	57	63	70	74	75	77	81	82	84	84	85	88	89	89	76	65	70	66	80	59	50	62	74	74	71.4
	MIN 36	33	49	54	46	38	30	34	45	55	60	64	65	60	61	68	69	67	65	68	67	58	51	47	53	66	42	38	39	38	54	63	51.5
	BOYCE 3 HNW	MAX 63	69	70	78	62	45	57	64	68	73	75	73	83	81	82	81	85	86	86	87	84	64	68	68	80	60	50	61	72	71	82	71.9
MIN 43	45	44	43	43	38	32	35	42	42	44	62	67	66	68	71	68	68	68	67	69	53	51	52	57	40	44	40	39	42	59	65	51.7	
06	BUNKIE	MAX 55	63	66	74	79	56	43	57	63	71	71	78	78	83	84	83	85	84	86	87	88	85	66	72	70	81	60	46	60	74	75	71.7
	MIN 35	38	41	48	51	41	32	33	35	45	53	59	64	67	62	64	65	70	69	67	71	53	50	51	58	45	41	39	43	47	64	51.6	
	GRAND COTEAU	MAX 63	68	73	77	72	57	55	63	70	75	76	77	81	82	82	80	85	84	84	85	83	80	69	73	60	45	40	43	59	63	73.8	
	MIN 35	38	43	55	56	39	46	53	61	60	62	69	67	70	70	67	69	70	69	69	52	52	60	61	70	45	40	40	43	59	63	53.1	
	JONESVILLE LOCKS	MAX 53	64	68	72	76	54	41	54	62	69	74	76	81	83	84	84	85	85	87	87	88	74	54	70	70	80	59	46	61	72	75	70.6
	MIN 38	38	41	47	48	39	32	32	33	42	51	58	62	67	69	69	70	68	68	68	51	49	50	58	44	43	41	43	44	63	51.4		
	LSU DEAN LEE EXP STN	MAX 55	66	69	73	78	56	44	57	64	70	74	76	78	83	82	84	85	84	85	86	87	81	64	70	69	80	60	51	61	73	73	71.5
	MIN 37	39	40	50	50	38	31	33	37	43	54	60	64	66	68	69	70	67	68	69	69	52	50	53	57	45	41	40	40	47	63	51.9	
	MAMOU 4 S	MAX 66	70	72	79	76	57	58	63	72	74	78	77	82	83	85	83	85	84	85	85	83	68	72	73	83	81	59	62	75	78	86	75.3
	MIN 36	44	48	57	57	42	35	36	44	53	61	65	70	70	69	70	71	72	71	71	65	57	55	61	61	48	44	42	46	61	70	56.5	
MELVILLE	MAX 58	63	69	72	76	61	45	54	63	75	76	76	79	82	83	83	83	86	86	85	86	85	72	73	73	81	61	46	58	74	75	72.2	
MIN 35	35	43	50	54	39	34	32	36	42	52	59	64	66	68	68	69	70	69	67	69	55	52	60	62	45	41	40	44	50	64	52.6		
NEW ROADS 5 ESE	MAX 51	65	69	74	77	65	45	54	59	66	75	75	81	84	85	84	85	87	89	87	88	71	65	70	75	81	64	47	57	71	75	72.3	
MIN 41	38	44	51	53	44	34	32	36	46	50	56	63	65	67	66	68	68	67	67	67	58	52	56	62	45	43	39	46	47	64	52.7		
OLD RIVER LOCK	MAX 52	63	67	71	78	57	42	54	62	68	74	75	79	82	84	84	84	85	85	86	85	86	84	55	71	72	79	59	44	59	74	74	70.9
MIN 37	37	41	54	40	34	32	31	40	48	58	52	65	63	64	64	69	70	61	65	68	69	50	46	49	53	40	39	39	35	46	61	48.7	
OLLA 3 SSW	MAX 56	67	72	72	76	52	40	56	65	69	76	77	77	83	83	83	83	86	89	88	89	70	63	68	67	77	57	47	58	73	75	70.8	
MIN 31	31	35	53	44	38	29	27	31	38	48	58	63	60	64	69	70	61	65	68	69	50	46	49	53	40	39	39	35	46	61	48.7		
WOODWORTH 2 SE	MAX 56	75	70	73	71	60	49	58	65	76	75	80	79	82	82	84	84	85	87	87	88	82	64	71	68	82	62	48	63	74	72	72.6	
MIN 34	41	45	50	49	38	29	29	37	45	53	59	63	63	66	67	68	67	67	67	68	68	51	49	53	57	45	40	38	38	45	64	51.2	
06	EAST CENTRAL																																
	AMITE	MAX 53	66	71	73	79	65	52	57	61	69	75	77	82	81	86	88	87	88	89	88	89	88	74	75	76	84	65	46	57	73	77	73.9
	MIN 40	35	47	50	52	47	33	28	33	43	52	59	65	66	66	67	70	69	67	68	69	56	50	56	62	43	42	38	41	50	64	52.5	
	BATON ROUGE WSO AP	MAX 63	68	73	76	64	55	54	61	67	74	76	81	82	83	85	84	87	87	88	87	86	69	76	81	69	76	49	55	69	75	72	72.8
	MIN 42	37	43	51	54	39	34	31	34	46	50	62	66	67	70	69	69	70	68	70	62	53	53	61	58	46	40	40	44	61	65	53.4	
	BOGALUSA	MAX 49	63	70	74	79	70	54	55	63	70	75	80	81	85	84	86	86	84	91	88	89	88	63	74	73	83	62	48	56	69	74	73.1
	MIN 41	35	38	47	54	52	34	30	32	36	44	52	65	65	66	70	71	72	70	69	70	55	50	52	58	44	44	40	41	48	62	52.0	
	CLINTON 5 SE	MAX 50	64	67	72	76	69	45	54	60	67	74	76	81	83	83	85	83	85	87	85	86	67	55	61	71	79	60	46	55	70	74	71.3
	MIN 39	35	40	49	53	44	32	27	32	43	53	57	64	65	69	67	69	69	66	68	67	55	48	56	61	43	40	39	41	46	63	51.6	
	COVINGTON 4 NNW	MAX 63	67	73	77	73	62	56	59	68	74	88	81	83	82	84	84	87	86	85	85	86	82	75	76	83	79	60	55	70	78	75	75.4
MIN 45	33	38	48	52	42	34	28	30	45	48	59	66	65	67	68	69	68	62	63	65	53	60	60	59	44	41	40	40	57	64	51.9		
FRANKLINTON 3 SW	MAX 64	69	73	79	65	55	57	65	71	76	77	81	85	84	84	87	89	89	87														

DAILY TEMPERATURES (°F)

LOUISIANA
MARCH 1982

DAY OF MONTH

AVERAGE

STATION

07
SOUTHWEST

CROWLEY EXP STATION

DE QUINCY 4 N

DE RIDDER

ELIZABETH

HACKBERRY 8 SSW

JENNINGS

LAKE CHARLES WSO AP

OBERLIN FIRE TOWER

ROCKEFELLER WL REFUGE

VERMILION LOCK

08
SOUTH CENTRAL

CARVILLE 2 SW

FRANKLIN 3 NW

JEANERETTE EXP STN

LAFAYETTE FAA AP

MORGAN CITY

NEW IBERIA 5 NW

09
SOUTHEAST

BOOTHVILLE WSCMO CI

DELTA-BRETON WL REF

DONALDSONVILLE

GOLDEN MEADOW

HOUMA

LOUISIANA NATURE CTR

NEW ORLEANS WSCMO AP

N O ADBON WSO CI

PARADISE 7 S

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
MARCH 1982

STATION	DAY OF MONTH																															AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PLAQUEMINES EXP STN	MAX 60	68	72	77	69	69	54	57	63	70	77	80	80	80	80	81	83	85	82	83	83	80	68	76	83	73	63	58	64	78	80	73.5
MIN	47	41	46	50	52	48	39	37	36	50	54	56	66	61	60	70	70	70	69	68	70	60	59	61	62	51	47	43	50	58	64	55.3
RESERVE	MAX	56	62	70	74	78	60	58	61	68	75	80	80	82	85	85	83	87	88	84	85	86	63	67	71	83	63	52	56	68	78	73.1
MIN	40	40	44	50	53	45	40	31	37	48	54	59	62	63	63	63	68	68	65	70	69	59	55	60	62	48	48	41	49	53	65	53.9
SAINT BERNARD	MAX	60	69	73	79	74	69	55	58	68	73	78	82	83	86	84	87	89	87	87	87	83	72	73	82	79	64	58	62	73	77	75.3
MIN	45	39	45	51	53	45	36	35	38	48	54	59	63	64	69	71	70	70	70	69	68	57	54	60	63	46	46	41	48	56	62	54.7
THIBODAUX 4 ESE	MAX	62	67	72	78	73	68	73	67	69	75	78	81	82	83	82	80	87	84	85	81	80	68	74	82	81	63	63	65	76	80	75.5
MIN	40	37	42	52	53	42	54	31	38	50	57	63	65	67	70	70	69	70	66	68	62	57	54	62	64	48	46	49	47	59	69	55.5

DAILY SOIL TEMPERATURES

LOUISIANA
MARCH 1982

STATION		DEPTH	TIME	DAY OF MONTH																												AVERAGE			
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		29	30	31
LOUISIANA NORTHWEST 01 REO RIV VALLEY EXP STN	(IN)	4MAX	57	61	61	60	63	55	49	57	58	60	66	63	66	75	70	72	71	77	77	77	77	81	69	70	68	68	73	66	53	62	67	67	65.8
		4MIN	45	46	47	53	51	49	44	43	44	48	53	58	60	64	64	66	66	67	66	67	69	59	58	57	60	55	52	51	51	51	60	55.6	
NORTH CENTRAL 02 CALHOUN EXP STATION	(IN)	4MAX	55	62	62	64	66	58	50	57	59	62	67	65	66	71	71	74	74	77	80	81	80	69	69	68	68	72	67	55	61	69	68	66.7	
		4MIN	44	46	47	53	53	50	46	45	46	47	52	57	60	62	62	68	68	67	67	69	69	58	56	56	60	54	54	52	51	51	60	55.8	
MONROE NLU	(CM)	10MAX	53	60	57	60	62	57	49	55	55	57	62	62	64	69	68	72	72	75	77	79	82	70	66	66	67	70	65	54	62	67	70	64.6	
		10MIN	43	44	45	51	53	48	42	40	41	45	50	55	59	62	60	65	66	67	67	67	69	59	56	54	60	54	53	51	51	51	54	54.3	
NORTHEAST 03 SAINT JOSEPH EXP STN	(IN)	4MAX	50	59	57	60	61	57	50	54	55	58	64	68	68	72	75	76	77	79	81	81	79	72	61	65	66	71	63	53	63	70	68	65.6	
		4MIN	45	44	45	51	55	50	41	40	41	45	49	57	60	64	65	68	69	70	70	70	71	60	56	55	59	54	53	50	50	53	62	55.5	
WINNSBORO	(IN)	4MAX	55	62	59	61	65	57	51	58	56	59	64	65	66	71	71	72	73	76	80	80	80	72	64	67	66	71	66	54	63	66	66	65.7	
		4MIN	46	45	47	52	55	51	44	43	43	46	52	58	61	63	62	70	70	69	69	70	71	62	51	55	62	56	54	52	52	52	61	56.3	
WEST CENTRAL 04 ROSEPINE EXP STATION	(IN)	4MAX	54	64	64	63	69	58	48	59	62	61	69	70	68	77	76	78	81	80	86	87	87	79	74	72	73	78	71	74	64	68	67	69.6	
		4MIN	42	43	43	51	51	55	48	39	39	39	44	50	57	62	64	66	67	68	70	69	70	61	59	53	62	54	52	48	47	50	60	55.1	
CENTRAL 05 LSU DEAN LEE EXP STN	(IN)	4MAX	53	59	60	61	65	57	50	56	58	60	64	66	67	72	71	74	74	78	80	77	78	74	65	69	68	74	64	54	60	64	65	65.7	
		4MIN	45	44	46	50	56	49	42	41	43	45	50	56	60	63	65	68	68	70	70	70	70	63	60	59	61	57	53	50	49	50	60	55.9	
EAST CENTRAL 06 CLINTON S SE	(IN)	4MAX	51	64	59	62	63	60	61	54	56	59	64	64	68	72	71	72	74	78	82	82	81	82	69	72	71	74	68	58	55	64	66	67.0	
		4MIN	49	49	49	51	53	56	50	48	46	48	52	56	60	64	66	68	68	69	70	71	71	69	62	62	65	59	50	52	51	51	60	57.9	
HAMMOND S E	(IN)	4MAX	56	62	66	62	74	66	56	59	62	65	72	69	76	82	81	82	81	86	88	86	87	87	67	73	75	80	71	53	53	70	70	71.5	
		4MIN	47	43	45	46	52	55	41	38	40	45	51	55	62	66	67	68	69	70	68	69	69	65	57	60	64	52	51	49	46	46	65	55.5	
SOUTHWEST 07 CROWLEY EXP STATION	(IN)	4MAX	56	63	65	67	71	63	52	60	65	69	73	74	70	81	80	85	79	84	89	91	92	86	75	70	75	79	74	55	58	70	70	72.3	
		4MIN	40	41	43	43	43	51	41	40	41	47	54	60	64	65	68	69	70	70	72	72	73	65	62	61	65	57	54	46	48	52	63	56.1	
SOUTHEAST 09 HOUMA	(IN)	4MAX	51	56	64	65	70	62	60	58	63	66	70	68	73	76	75	75	76	79	82	82	83	81	69	63	70	76	66	60	58	60	65	68.5	
		4MIN	49	48	48	52	56	60	49	46	45	49	54	59	63	66	68	69	68	69	70	70	70	69	63	63	63	60	60	53	53	55	55	58.7	
STATION_NAME		SOIL_TYPE	SOIL_COVER																												SLOPE		UNITS		
CALHOUN EXP STATION		RUSTON FINE SANDY LOAM	BARE																												0%		F		
CLINTON 5 SE		BUFF TERRACE	BARE																												0.1% TO S		F		
CROWLEY EXP STATION		COASTAL PRAIRIE	BARE																												0%		F		
HAMMOND 5 E		FINE SANDY LOAM	BARE																												0%		F		
HOUMA		MOON SILT CLAY LOAM	BARE																												0%		F		
LSU DEAN LEE EXP STA		REO RIVER ALLUVIAL	BARE																												0%		F		
MONROE NLU		SHARKEY CLAY	BARE																												0%		F		
REO RIVER VALLEY EXP STA		REO RIVER ALLUVIAL	BARE																												0%		F		
ROSEPINE EXP STA		FINE SANDY LOAM	BARE																												0%		F		
SAINT JOSEPH EXP STA		SHARKEY CLAY	BARE																												0%		F		
WINNSBORO		BLUFF TERRACE	BARE																												0%		F		

STATION-NAME	SOIL-TYPE	SOIL-COVER	SLOPE		UNITS	
			0%	0 1/2 TO 5	F	F
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%		F	
CLINTON S SE	BUFF TERRACE	BARE	0%		F	
CROWLEY EXP STATION	COASTAL PRAIRIE	BARE	0%		F	
HAMMONO S E	FINE SANDY LOAM	BARE	0%		F	
HOUMA	MOON SILT CLAY LOAM	BARE	0%		F	
LSU DEAN LEE EXP STA	REO RIVER ALLUVIAL	BARE	0%		F	
MONROE NLU	SHARKEY CLAY	BARE	0%		F	
REO RIVER VALLEY EXP STA	REO RIVER ALLUVIAL	BARE	0%		F	
ROSEPINE EXP STA	FINE SANDY LOAM	BARE	0%		F	
SAINT JOSEPH EXP STA	SHARKEY CLAY	BARE	0%		F	
WINNSBORO	BLUFF TERRACE	BARE	0%		F	

EVAPORATION AND WIND

LOUISIANA
MARCH 198

STATION		DAY OF MONTH																															TOTAL OR AVG	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LOUISIANA 01 NORTHWEST RED RIV VALLEY EXP STN	WIND	16	22	11	11	12	41	61	42	46	76	87	92	76	99	73	79	97	33	34	68	97	64	32	23	36	15	35	51	23	23	94	39	1797
	EVAP	6	11	17	7	12	7	-	-	14	14	12	15	6	4	16	10	12	6	14	18	24	20	7	11	10	4	16	17	1	11	16	1	3.418
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
NORTH CENTRAL 02 CALHOUN EXP STATION	WIND	14	18	55	70	61	63	43	28	41	48	45	51	62	10	51	80	14	16	36	48	37	36	18	13	6	55	26	18	16	51	37	1167	
	EVAP	6	12	18	13	16	16	4	12	17	14	15	8	6	8	12	17	14	12	21	24	19	12	12	10	4	22	18	2	11	15	7	3.97	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
NORTHEAST 03 SAINT JOSEPH EXP STN	WIND	18	36	83	99	94	135	102	68	46	44	62	67	99	48	90	104	79	57	61	94	88	117	87	39	21	36	140	100	57	72	75	2418	
	EVAP	3	14	14	15	11	23	-	-	-	-	12	18	15	14	11	22	22	20	17	24	35	21	1	11	12	4	26	24	18	20	6	4.658	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
EAST CENTRAL 06 LSU BEN-HUR EXP STN	WIND	38	18	41	50	41	84	158	55	32	26	36	10	61	42	78	73	47	45	45	59	52	85	65	34	19	94	92	80	45	64	51	1720	
	EVAP	1	15	2	26	13	-	-	-	13	15	18	3	9	25	21	22	10	23	23	6	18	0	18	0	5	43	15	4	1	13	6	4.038	
	MAX	51	70	74	75	78	66	58	63	72	75	80	82	94	91	87	90	85	92	94	89	92	92	89	87	80	90	71	52	54	73	84	78.4	
	MIN	42	44	48	48	56	48	44	38	35	48	52	64	64	64	68	69	69	70	69	70	65	70	58	53	54	63	47	45	43	45	46	63	54.8
SOUTHEAST 09 HOUMA	WIND	25	24	26	40	31	49	90	50	29	32	23	40	54	36	50	66	50	40	25	64	37	55	63	24	24	57	58	105	86	75	68	1496	
	EVAP	0	9	21	6	12	7	9	14	10	14	12	9	17	15	12	12	16	11	21	22	20	18	8	13	5	18	36	8	4	7	5	3.91	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

LOUISIANA
MARCH 1982

DAY OF MONTH

STATION

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LOUISIANA NORTHWEST MINDEN	01																															
PLAIN DEALING SHREVEPORT WSO AP	01																															
NORTH CENTRAL MONROE FAA AP	02																															
WINNFIELD 2 W	02																															

SNOWFALL: INCLUDES SNOW AND ICE
SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL
WATER EQUIVALENT: GIVEN FOR NWS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.
SEE REFERENCE NOTES FOLLOWING STATION INDEX

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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LOUISIANA
MARCH 1982

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION		INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP	PRECIP	EVAP	SPECIAL	
OAKRINIA FIRE TOWER	69111067	06	FELICIANA	30 30 44	90 59W	130	9				PERCY E	
OBERLIN FIRE TOWER	69338007	07	ALLENTE COUPE	30 36 44	92 47W	165	13				LA DEPT OF NAT	
OLD A3 SSM	69762005	05	PLATEAU COUPE	30 00 36	91 40W	170	8				LA CORPS OF NAT	
OBERLIN SSM	69978005	05	ALLENTE COUPE	30 00 36	91 40W	170	8				LA CORPS OF NAT	
OBERLIN SSM	69995005	05	ALLENTE COUPE	30 00 36	91 40W	170	8				LA CORPS OF NAT	
OBERLIN SSM	70096005	05	ALLENTE COUPE	30 00 36	91 40W	170	8				LA CORPS OF NAT	
OBERLIN SSM	70161006	06	ALLENTE COUPE	30 00 36	91 40W	170	8				LA CORPS OF NAT	
OBERLIN SSM	70304006	06	ALLENTE COUPE	30 00 36	91 40W	170	8				LA CORPS OF NAT	
PLAIN GEARING	7334401	01	BOSSIER	30 52 44	90 41W	191	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	73666008	08	BERVILLE	30 19 19	91 14W	20	7				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	73688009	09	PLAQUEMINES	30 35 35	91 50W	15	16				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	74480005	05	PLAQUEMINES	30 27 27	91 13W	15	16				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	74850006	06	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	77380001	01	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	77670009	09	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	77920001	01	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	77922001	01	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	77950001	01	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	80460004	04	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	80670002	02	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	80940002	02	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	81080009	09	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	81360006	06	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	81630003	03	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	84050006	06	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	84320001	01	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	84440001	01	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	85070005	05	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	85330002	02	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	86690002	02	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	86830001	01	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	87150006	06	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	87785003	03	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	87795003	03	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	883107	07	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	883107	07	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	892303	03	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	901309	09	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	931907	07	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	935705	05	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	9480006	06	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	980303	03	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	980903	03	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	986605	05	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	
PLAQUEMINES 2 N EXP STN	993006	06	PLAQUEMINES	30 22 22	91 52W	155	8				LA CORPS OF NAT	

SEE REFERENCE NOTES FOLLOWING STATION INDEX
20

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

* Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

V Includes total for previous month(s). (See * above)

// Gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)

B Adjusted monthly value. (estimated)

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. (1-7 missing values for Wind and Evaporation). M appears alone if 10 or more daily values are missing, 18 or more for Wind and Evaporation.

R Amounts from recording gage.

T Trace. An amount too small to measure.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

AR Observation made "after rain" has occurred.

C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.

G Observations appear in "Soil Temperatures" table.

J Station also published as a Local Climatological Data publication

H Observations appear in "Snowfall and Snow on Ground" table.

MID Observation time is midnight.

S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.

SR Observation time near sunrise.

SS Observation time near sunset.

VAR Observation time varies.

MO Gage read once monthly, usually the last day.

OC Gage readings vary from a few weeks to several months

WI Gage read weekly or irregularly.

WM Gage read weekly and last day of month.

Thermometers located in a rooftop shelter.

\$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE THRU:
THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE N.C. 28801
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SPECIAL WEATHER SUMMARY

Highlights

Mean monthly temperatures for March 1982 were 2 to 6° above normal statewide. However, a cold outbreak during the first part of the month caused some later than normal spring freezes. Except for a few locations, rainfall was generally 1-3 inches below normal across Louisiana.

Analysis of Synoptic Weather Types for March

As should be expected, the upper-air pattern of troughs and ridges continued to dominate the weather and climate of Louisiana during March. Troughs over the Mississippi River valley or eastward to the Atlantic Coast were mostly in control for the first ten days; a persistent ridge over the Southeastern States dominated Louisiana weather for the next 11 days; and the final ten days were less clearly defined in terms of the persistence of one pattern or another.

The resultant surface weather over Louisiana for the month can be divided, therefore, into just about three equal segments. The first ten days were mild with considerable cloudiness but little precipitation. The next eleven days were dominated by a strong southerly flow with warm temperatures and unusually high moisture contents, because the surface fronts were far to the north of Louisiana, however, there was little to no precipitation during this unusually steady and long run of Gulf Return (GR) weather type days. The final ten days saw a succession of fronts sweep across the State from northwest towards the south and east. Temperatures seesawed from cool during the Continental High (CH) and Frontal Overrunning (FOR) weather, back to warm to hot ahead of the approaching cold fronts during Gulf Return (GR) and Frontal Gulf Return (FGR) weather. Showers and thunderstorms were not uncommon during the stormy weather types (FOR and FGR), with five or six rain days during these ten days at a number of locations.

The preliminary analysis of synoptic weather types over southeastern Louisiana for March 1982, shows the following frequencies, with the 20-year average for 1961-1980 included for comparison. Average frequencies for April are also shown.

<u>Synoptic Weather Type</u>	<u>March</u>		<u>April</u>
	<u>1982</u>	<u>1961-80</u>	<u>1961-80</u>
Pacific High (PH)	0	6	4
Continental High (CH)	16	20	19
Frontal Overrunning (FOR)	19	23	13
Coastal Return (CR)	5	8	9
Gulf Return (GR)	49	21	34
Frontal Gulf Return (FGR)	8	19	16
Gulf Tropical Disturbance (GTD)	0	0	0
Gulf High (GH)	3	2	5
Continental Index (CH+FOR)	35	43	32
Tropical Index (GR+FGR)	57	40	50

In synoptic weather type terms, March was dominated by the 11 to 12 day run of Gulf Return (GR) weather during the middle of the month. For the month as a whole, the Gulf Return (GR) frequency of 49% is the highest of the data series beginning with 1961. The previous high for March was 47% in 1974.

At the same time, however, the Frontal Gulf Return (FGR) frequency of only 8% is the third lowest of the data series; the absolute minimum was 6% in 1969. The Tropical Index (GR & FGR) is an index of maritime tropical air off the Gulf of Mexico and warm air. The record high frequency of (GR), and the unusually low frequency (FGR) combined to produce the second highest frequency of the Tropical Index (TI) for the data series. Thus, the month was dominated by much warm and muggy weather, considerable wind from the south, but not much precipitation.

March 1982... Above normal temperatures and below normal rainfall.

Temperature

Mean monthly temperatures for March 1982 were 2 to 6° above normal statewide.

A new all time record high temperature for March was set at New Orleans Moisant with 89° on the 18th, and a total of 9 record highs were broken or tied. Three new record highs were broken at Baton Rouge, one new record at Shreveport, and five tied or broken at Lake Charles.

The above normal temperatures caused more energy requirements for cooling and less for heating.

A cold outbreak early in the month caused a number of locations to have later than average spring freezes.

Preliminary rainfall reports indicate that rainfall was generally below normal. Except for normal monthly totals at Jonesville Locks, Bogalusa, and Prairieville, rainfall was 1-3 inches below normal.

Soil moisture at the end of March was at or near capacity, which is normal. Surplus water (allocated to streamflow and groundwater recharge) was below normal for the month except for Eastern Washington Parish.

There was some light snow over the extreme Northwest corner of Louisiana on the 6th. Hail was reported in the Baton Rouge area on the 6th.

Heavy thunderstorms on the 22d caused some flooding in the Prairieville area. The storm dumped up to 5 inches of rain in two hours.

The combination of very warm weather and rain produce an early mosquito infestation over parts of the state. According to Ted Denstel of the West Baton Rouge Parish Police Jury, "mosquitoes do not usually cause problems this early in the year."

The Mississippi River at Baton Rouge on March 31st was 1.8 feet above normal with a gage reading of 29.8 feet. In New Orleans the river was 3 feet above normal with 12.2 feet. The Pearl River at Bogalusa was high with the stage a little below flood stage. The Red River at Alexandria was 5.9 feet, 10.9 feet below normal.

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CLIMATOLOGICAL DATA

LOUISIANA

APRIL 1982

VOLUME 87 NUMBER 4



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Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

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ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
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NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
APRIL 1982

LOUISIANA			
HIGHEST TEMPERATURE	92		
LOWEST TEMPERATURE	29		
GREATEST TOTAL PRECIPITATION	10.61		
LEAST TOTAL PRECIPITATION	2.67		
GREATEST 1 DAY PRECIPITATION	6.00		
		APRIL 6+	
		APRIL 11	
		APRIL 25	
			2 STATIONS
			MANASSAS
			FIELD
			3 WSW
			MOORINGS
			SPORT
			IN
			NEW ORLEANS
			WATER
			PLT
			R

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
APRIL 1982

STATION		TEMPERATURE (°F)										PRECIPITATION (IN)													
		MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	SLEET	NO. OF DAYS		
													90 OR ABOVE	32 OR BELOW	MAX. MIN										
LOUISIANA	01	NORTHWEST																							
		COTTON VALLEY	72.4	49.7	61.1	61.1	85.17 +	33.11	157	45	0	0	0	0	0	3.92	5.15	2.0017			0				1
		LOGANSPORT 4 ENE	75.9	52.3	64.1	64.1	87.5	31.11	111	89	0	0	1	0	0	10.04	-1.53	4.9217			0				1
		MINDEN	73.3	50.8	62.1	62.1	86.17 +	31.11	137	55	0	0	0	0	0	3.34	-1.47	3.8720			0				1
		PLAIN DEALING	71.9	48.8	60.4	60.4	85.17	32.11	180	49	0	0	0	0	0	4.55		1.4921			0				2
	02	RED RIV VALLEY EXP STN	73.3	50.3	61.8	61.8	88.17	34.11	141	51	0	0	0	0	0	3.21		1.8721			0				0
		SHREVEPORT WSO AP	72.9	53.6	63.3	63.3	3.1	88.5	35.11	125	81	0	0	0	0	2.72	-2.47	.9620			0				2
		--DIVISIONAL DATA--					-3.4									4.63	-1.50			0				0	
		NORTH CENTRAL																							
		BIENVILLE 3 NE	74.5	51.9	62.4	62.4	90.16	33.11	126	80	0	0	0	0	0	7.36	-1.48	3.1019			0				1
03	03	CALHOUN EXP STATION	73.3	51.5	62.4	62.4	87.17	32.11	134	63	0	0	0	0	0	4.52		2.1320			0				1
		HOMER EXP STATION	72.8	49.5	61.2	61.2	86.1	33.7	158	49	0	0	0	0	3.67	-1.15	.8321			0				0	
		MONROE FAA AP	74.8	56.2	65.5	65.5	-4	90.16	40.11 +	117	1	0	0	0	0	5.05		2.6219			0			1	
		MONROE NLU	72.7	52.4	62.6	62.6	87.17	35.11	131	64	0	0	0	0	0	4.72		2.0520			0			3	
		RUSTON-LA TECH UNIV	74.3	51.8	63.1	63.1	87.6	34.11	112	61	0	0	0	0	0	5.11	-1.16	1.9620			0			3	
	04	WINFIELD 2 W	75.3	53.1	64.2	64.2	-2.1	88.5	32.11	116	100	0	0	0	0	7.22	1.79	2.6920			0				3
		--DIVISIONAL DATA--					-2.6									5.38	.18			0				3	
		NORTHEAST																							
		BASTROP	75.5	53.0	64.3	64.3	-2.2	88.16	36.11	102	85	0	0	0	0	5.29	.18	1.5820			0				2
		EPSS 6 WNW	73.1	52.0	62.6	62.6	88.17	35.11	123	57	0	0	0	0	0	5.12		2.2220			0				2
04	04	LAKE PROVIDENCE	72.2	52.1	63.2	63.2	-3.8	88.17	32.11 +	135	56	0	0	0	0	6.06	.95	1.4325			0				2
		SAINT JOSEPH EXP STN	73.7	53.5	63.6	63.6	-2.8	88.6	32.11	111	80	0	0	0	0	4.61	-1.09	2.1820			0				1
		TALLULAH	74.0	51.8	62.9	62.9	-3.0	89.17	33.11	124	70	0	0	0	0	4.84	-1.44	3.3420			0				2
		WINNABORO	74.9	52.4	63.7	63.7	-2.7	88.6	34.11	111	80	0	0	0	0	7.50	2.82	3.7820			0				2
		--DIVISIONAL DATA--					-3.0									5.57	.62			0				2	
	05	WEST CENTRAL																							
		ASHLAND	73.1	49.2	61.2	61.2	85.6 +	30.11	157	49	0	0	0	0	0	8.59		4.1020			0				3
		CONVERSE	73.7	51.9	62.8	62.8	87.6	30.11	130	71	0	0	0	0	0	9.53		4.0521			0				3
		LEESVILLE	74.7	54.4	63.1	63.1	88.6	34.11	109	104	0	0	0	0	0	6.50	1.21	2.1017			0				3
		MANY	75.9	50.2	63.1	63.1	-2.4	88.6	29.11	123	75	0	0	0	0	6.03		2.4921			0				3
05	05	NATCHITOCHES	74.5	53.5	64.0	64.0	-3.5	89.6	37.11	109	85	0	0	0	0	8.13	3.04	2.4120			0				3
		ROSEPINE EXP STATION	74.6	54.0	64.3	64.3	88.6	36.11	105	88	0	0	0	0	6.15		1.9321			0				2	
		--DIVISIONAL DATA--					-3.5									7.51	2.31			0				2	
		CENTRAL																							
		ALEXANDRIA	74.2	55.8	65.0	65.0	89.6	36.11	91	101	0	0	0	0	0	5.00		2.0021			0				3
	06	BELAH FIRE TOWER	74.7	54.5	64.6	64.6	92.6	36.11	100	96	0	0	0	0	0	4.76		1.4017			0				3
		BOYCE 3 WNW	74.4	54.1	64.3	64.3	90.6	39.11	101	86	0	0	0	0	0	5.49		1.6017			0				3
		BUNKIE	75.3	54.3	64.8	64.8	-2.7	90.6	36.11	92	95	0	0	0	0	5.96	1.37	3.6821			0				3
		GRAND COTEAU	77.6	57.3	67.5	67.5	86.6	39.11	65	148	0	0	0	0	0	5.95	1.22	3.0322			0				3
		JONESVILLE LOCKS	74.1	53.4	63.8	63.8	88.6	38.11	111	82	0	0	0	0	0	5.37		2.6021			0				3
07	LSU DEAN LEE EXP STN	74.1	54.7	64.4	64.4	89.6 +	36.11	103	93	0	0	0	0	0	6.34		1.7717			0				3	
	MAMOU 4 S	79.3	60.1	69.7	69.7	91.6 +	43.12	43	190	0	0	0	0	0	6.34	1.29	2.5321			0				3	
	MELVILLE	75.8	56.3	66.1	66.1	86.6	40.11	68	104	0	0	0	0	0	5.34		2.6122			0				3	
	NEW ROADS 5 ESE	76.8	55.8	66.3	66.3	85.9 +	41.11	65	112	0	0	0	0	0	5.34		1.8422			0				3	
	OLD RIVER LOCK	75.1	53.6	64.4	64.4	87.6	38.9	86	75	0	0	0	0	0	6.60		3.4521			0				3	
08	OLLA 3 SSW	74.2	51.5	62.9	62.9	88.6	31.11	128	72	0	0	0	0	0	6.50		2.8520			0				3	
	WOODMORTH 2 SE	75.2	52.8	64.0	64.0	90.2	36.11	105	83	1	0	0	0	0	8.1	.62	2.4221			0				3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
APRIL 1982

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)										
	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	NO. OF DAYS
												90 OR ABOVE	32 OR BELOW	32 OR BELOW							
--DIVISIONAL DATA----->																					
06																					
EAST CENTRAL																					
AMITE	78.5	67.0	55.2	65.2	-2.5	87.13	4011	4011		57	126			5.85	.60	1.39	22				1.00 OR MORE
BATON ROUGE WSO AP	77.5	67.9	55.4	67.9	-1.5	87.13	4111	4111		59	152			4.40	.50	1.71	22				1.00 OR MORE
BOGALUSA	77.3	66.4	55.2	66.4	-1.5	88.6	4117	4117		69	119			3.98	-.99	1.96	22				.50 OR MORE
CLIVINGTON 5 SE	75.3	65.2	55.1	65.2	-2.3	84.6	3917	3917		84	96			4.74	.03	1.62	22				.50 OR MORE
COVINGTON 4 NNW	78.3	66.8	55.2	66.8	-1.2	86.5	3812	3812		54	115			4.86		2.41	21				.50 OR MORE
FRANKLINTON 3 SW	77.8	66.4	55.0	66.4		92.5	4012	4012		77	128			7.96		1.68	30				.50 OR MORE
HAMMOND 5 E	76.3	65.5	54.7	65.5	-2.1	86.6	4011	4011		81	101			4.24	.16	1.72	22				.50 OR MORE
HAMMOND 3 NW	77.2	66.1	54.9	66.1		86.6	4012	4012		66	105			5.04		1.80	22				.50 OR MORE
LSU BEN-HUR EXP STN	76.3	66.6	56.8	66.6		85.21	4212	4212		52	115			4.75		2.60	22				.50 OR MORE
SLIDELL WSO	76.8	67.6	57.6	67.6	-1.2	86.20	4317	4317		52	127			4.97	.02	2.61	24				.50 OR MORE
--DIVISIONAL DATA----->																					
07																					
SOUTHWEST																					
CROWLEY EXP STATION	75.8	66.6	57.4	66.6		86.9	4011	4011		66	123			5.71	.81	3.52	22				.50 OR MORE
DE GUINCY 4 N	75.5	65.1	54.7	65.1		90.6	3611	3611		95	104			5.49	.31	2.00	17				.50 OR MORE
DE RIDDER	74.9	64.9	54.7	64.9		91.6	3911	3911		100	106			6.47		2.43	21				.50 OR MORE
ELIZABETH	75.2	65.0	54.7	65.0	-2.5	91.6	3910	3910		90	119			8.48	2.92	3.04	21				.50 OR MORE
HACKBERRY 8 SSW	74.6	66.8	58.9	66.8	-1.8	85.6	4211	4211		61	119			4.20	.42	1.41	22				.50 OR MORE
JENNINGS	75.7	66.3	56.8	66.3	-2.9	87.9	4011	4011		77	122			4.51	-.94	2.01	22				.50 OR MORE
LAKE CHARLES WSO AP	75.3	66.4	57.4	66.4	-2.5	89.5	3911	3911		73	129			9.31	-.29	1.77	17				.50 OR MORE
OSLERIN FIRE TOWER	76.4	66.5	56.5	66.5		91.6	3911	3911		73	124			3.31		3.14	21				.50 OR MORE
ROCKEFELLER WL REFUGE	76.2	67.6	58.9	67.6		85.9	4311	4311		48	132			3.56		1.04	22				.50 OR MORE
VERMILION LOCK	75.6	66.3	56.9	66.3		84.9	4011	4011		59	104			4.54		2.20	22				.50 OR MORE
--DIVISIONAL DATA----->																					
08																					
SOUTH CENTRAL																					
CARVILLE 2 SW	77.5	67.2	56.9	67.2	-1.1	85.10	4311	4311		54	126			5.41	1.00	1.83	22				.50 OR MORE
FRANKLIN 3 NW	77.7	68.7	59.7	68.7	-.3	87.1	4311	4311		44	161			4.32	.50	1.50	22				.50 OR MORE
JEANERETTE EXP STN	76.4	67.3	58.1	67.3		85.26	4011	4011		55	132			6.75	2.80	4.24	22				.50 OR MORE
LAFAYETTE FAA AP	75.3	66.7	58.0	66.7	-2.1	85.8	4011	4011		72	135			4.32	-.37	1.44	21				.50 OR MORE
MORGAN CITY	76.1	67.7	59.3	67.7	-2.2	85.21	4612	4612		50	135			6.37	1.94	2.66	25				.50 OR MORE
NEW IBERIA 5 NW	77.1	67.9	58.6	67.9		85.10	4311	4311		48	142			5.18		2.68	22				.50 OR MORE
--DIVISIONAL DATA----->																					
09																					
SOUTHEAST																					
BOOTHVILLE WSCMO CI	71.9	65.7	59.7	65.7		79.21	5212	5212		32	65			3.06	M	1.03	25				.50 OR MORE
DELTA-8RETON WL REF	75.8	66.6	56.6	66.6	-3.7	85.21	4211	4211		69	112			5.18		2.02	25				.50 OR MORE
DONALDSONVILLE	78.9	70.4	60.9	70.4		85.17	4712	4712		18	187			9.13		2.70	25				.50 OR MORE
GOLDEN MEADOW	77.0	68.5	60.0	68.5	-1.3	85.21	4311	4311		42	156			8.25	3.90	4.81	25				.50 OR MORE
HOUMA	77.4	69.8	58.3	69.8		86.21	4517	4517		48	141			6.45		3.90	25				.50 OR MORE
LOUISIANA NATURE CTR	78.3	69.8	61.1	69.8	1.2	86.20	4412	4412		29	182			5.86	1.71	3.90	25				.50 OR MORE
NEW ORLEANS WSCMO AP	77.7	64.1	59.4	64.1	1.4	86.20	5112	5112		15	198			9.72	4.56	5.85	24				.50 OR MORE
N O AD8ON WSO CI	78.1	70.9	60.7	70.9		86.20	4212	4212		40	160			7.14	2.86	1.17	25				.50 OR MORE
PARADIS 7 S	76.5	60.7	60.7	60.7		82.20	4812	4812		30	147			4.68		1.17	25				.50 OR MORE
PLAQUEMINES EXP STN	77.7	67.1	56.5	67.1	-1.4	86.21	4312	4312		50	122			5.07	.84	1.52	25				.50 OR MORE
RESERVE	79.3	68.5	58.8	68.5	-.5	87.20	4412	4412		34	162			4.46	-.27	1.88	25				.50 OR MORE
SAINT BERNARD	78.4	68.5	58.8	68.5	-.8	85.20	4212	4212		43	154			6.10	1.94	1.40	24				.50 OR MORE
THIBODAUX 4 ESE																					
--DIVISIONAL DATA----->																					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
APRIL 1982

DAY OF MONTH

TOTAL

STATION

LOUISIANA

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NORTHWEST 01															
BETHANY FIRE TOWER	.31	.09	.52		.10			.32		.18	.35				.15
BODCAU VALLEY		.07	.18		.25			.10			.16				
COTTON VALLEY			.20												
COUSHATTA 5 S		.17	.28		.17						.06				.02
GREENCANE FIRE TOWER		.12	.41		.29			.02		.21	.23				.01
GREENWOOD FIRE TOWER		.07	.43		.39					.20					
HANNA 3 S		.17	.43	.50	.13			.10		.34	.18				
HOSSTON				.89				.04							
KEITHVILLE				.10				.10		.47					
KORANSPORT 4 ENE	.05	.01	.26		.52					.04	.40				.01
LOGANSFIELD 3 WSW		.14	.40		.15			.15			.18				.03
MARTIN FIRE TOWER		.28	.25		.25			.12			.25				
MINDEN		.03	.33		.16			.14			.21				
MOORINGSPO 1 N	.15	.09	.43		.15			.12			.18				
PLAINRIV VALLEY EXP STN		.17	.22		.91			.16			.09				
REDSO 3 S		.44	.44		.33			.12			.21				
RODESSA		.06			.10			.09			.18				
SHREVEPORT DOWNTOWN	.02	.14		.03	.23			.09		.19	.10				
SHREVEPORT WSO AP	.04		.46							.02					
SPRINGHILL															
NORTH CENTRAL 02															
ANTIOCH FIRE TOWER		.10	.07	.62	.35			.12	.06	.16	.08				
BIENVILLE 3 STATION		.01	.05		.65					.10	.16				
CALHOUN EXP LOCKS		.10	.06		.29			.16			.02				
COLUMBIA STATION			.15		.58			.14	.14		.14				
HOMESBORO FIRE TOWER			.43								.10				.07
JONESBORO											.17				
MARION FAA AP		.14	.01	.48	.65					.15	.17				
MONROE		.12	.15		.50					.14	.17				
RUSTON-LA TECH UNIV			.62		.51					.14	.05				
SALLESVILLE FIRE TOWER		.27	.22		.77			.15			.17				
SPEARSVILLE											.17				
STERNFIELDT 2 W			.24		1.58						.05				
WINNFIELD FIRE TOWER			.30		.01						.12				
WINNONA											.04				
NORTHEAST 03															
NORTROP		.20	.52		1.45			.39	.44						
BAPPS 6 WNW		.18	.63		.77			.02	.08						
LAKE PROVIDENCE	.01	.35	.34		.43			.02	.14						
OAK GROVE 2 WSW		.50	.06		1.00					.01					
SAINT JOSEPH EXP STN	.01	.61	.15		.39						.12				
STEVENSON FIRE TOWER		.46	.04		.04						.05				
TALLULAH	.01		.68												
WINNSBORO		.07													
WEST CENTRAL 04															
WEST CENTRAL			.30		.09						.15				
ASHLAND			.25		.11					.22	.11				
ASHVERSE			.17							.30					
GORUM FIRE TOWER		.38								.08					
GRANDS ECORENS			.53							.72	.49				
HODGES GARDENS			.43								.13				
LEESVILLE				.12	.13						.23				
MANY			.41							.65	.10				
MATCHITOCHE			.31												
ROSEAPINE EXP STATION															

DAILY PRECIPITATION (CONT)

LOUISIANA
APRIL 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LOUISIANA											
01											
NORTHWEST											
BETHANY FIRE TOWER		1.11		.03	2.30	.96	.40			.43	.17
COTTON VALLEY		1.05		.03	.52	.44	.05			.31	.07
COUSHATTA 5 S		2.00			.24					.30	.30
GRAND CANE FIRE TOWER		1.19		.09	.84	.82	.15			.16	.24
GREENWOOD FIRE TOWER		2.30		.18	1.84	.79	.02			.22	.19
HANNON		2.37		.17	3.67	1.61	.31			.56	.31
HOSSTON		1.37			1.67	1.31				.38	.05
KEITHVILLE		1.05		.19	1.21	.95	.03			.38	.08
KORANSPORT 4 ENE		1.15	.42	.70	1.15	T	.03				
LOGANSFIELD 3 WSW		4.92		.19	2.31	.40	.05				.35
MARTIN FIRE TOWER		4.92		.07	1.82	1.39	.26			1.24	.34
MINDEN		2.10		.07	3.65	1.80	.14			.33	.36
MOORINGSPO 1 N		.20		.09	1.43	.46	.16			.32	.01
PLAIN RIV VALLEY EXP STN		.21		.01	1.33	1.49	.03			.41	
REDONSONA		.11		.20	.92	.91	.03			.34	.33
RODESSA		.28		.50	1.43	.49	.03			.34	.06
SHREVEPORT DOWNTOWN		1.06		.02	1.68	.84	.10			.01	.32
SHREVEPORT WSO AP		.06	.03	.19	.96	T	.04			.34	.02
SPRINGHILL		.73		.01	1.77	.40	.06				.02
02											
NORTH CENTRAL TOWER											
ANTILOCHE 3 STATION		.85		.10	.66	.95	.15			.52	.30
BIENVILLE EXPOCKS		.88		.04	1.33	.77	.02			.27	.55
CALHOUNIA LOCKS		1.28		.05	1.50	1.15	T			.27	.20
COLUMBIA EXP STATION		1.36		.03	5.50	.83	.03			.36	.49
HOMESBORO FIRE TOWER		1.19		.20	5.60	.36	.03			.20	.15
JONESBORO		1.08			.87	.36	.03			.15	
MONROE FAA AP		.40	T	2.62	2.05	.87	.03				T
MONROE NLU		.37		.02	2.96	.78	.03			.15	.19
RUSTON LA TECH UNIV		.34		.05	2.15	.95	.05			.41	.48
SALLESVILLE FIRE TOWER		.31		.10	2.15	.95	.05			.42	.64
SPEARLVILLE FIRE TOWER		.44		.02	1.61	.58	.07			.19	.06
STERNFIELD 2 WOWER		1.46	T	.02	2.69	.68	.14			.58	.11
WINNONA FIRE TOWER		2.10	.19	.26	2.30	1.75	.09			.67	.02
03											
NORTHEAST											
8APRS 6 WNW		.56		.19	1.58	.64	.29			.05	.21
LAKE GROVE 12 WSW		.40		.07	2.05	.89	.03			.10	.05
OAK GROVE 12 WSW		1.09		.04	1.38	.79	.03			.06	.93
SAINTE JOSEPH EXP STN		1.72	T		2.18	1.22	.01			.21	.16
STEVENSON FIRE TOWER		1.05		.21	3.68	.84	T			.09	T
TALLULAH		1.44		T	3.34	1.10	T			.04	T
WINNSBORO		.99	.03	T	3.78	1.10	T			.15	.68
04											
WEST CENTRAL											
ASH CONVERSE FIRE TOWER		1.59	T	T	4.10	.98	.33			.44	.34
CORUM FIRE TOWER		2.38		.15	.03	1.05	1.50			.38	.80
GRANDS ECORENS		1.38	T	.99	.84	1.73	T			.50	.12
HOOGESVILLE		2.85		.21	.03	3.28	.67			.15	.07
LEESVILLE		2.10		.03	.91	1.30	.91			.50	.25
MANYATCHES EXP STATION		1.65	T	.11	.24	2.04	.41			.36	.14
ROSEPTINE EXP STATION		2.33		.07	2.41	1.93	.75			.44	.20
ROSEPTINE EXP STATION		1.23		.01	T	1.93	.75			.92	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
APRIL 1982

DAY OF MONTH

TOTAL

STATION

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
05															
CENTRAL	.01		.22							.48	.20			.08	T
ALEXANDER FIRE TOWER	T	.23	.46					T	.31	.06	.01				T
BELLAH FIRE TOWER	.03		.40		T .02				.06	.32	.21				
BOYCE 3 NW	.03		.23							.30	.03				
BUNKLE	.03		.87						T	.53	.03	.01			
EUNICE	.03		.55		.02					.40	.38				
GRANDEVILLE LOCKS	.01	.03	.11							.47	.20				
LSU DEAN LEE EXP STN	.10		.16		.10				.23	.25	.60				
MARKSVILLE	.01	.03	.45						.36	.31	.03				
MELVILL	.01	.03	.23		.02				.06	.32	.06				
NEW RIVER	.04		.34						.35	.30	.15				
OLD RIVER	.05		.57							.49	.06				
OPELLOUSA		.01	.48								.02				
PORT ALLEN															
SIMMESPORT															
VIDALIA 2															
WOODWORTH 2 SE		.01												.02	
06															
EAST CENTRAL F TWR	.33	.01	.08		.04			.12	.03	.17	.08				
ABILE	.03	T	.05		.02			T	.32	.20	.22				
BAKER	.16		.31		.01				.36	.08	.10				
BATON ROUGE CENTRAL	.05	T	.18		.03			.25	.50	.10	.12		T		
BATON ROUGE WSO AP	.05		.24		.03					.11	.03				
BOGALUSA	.02		.38		.08					.39	.06				.01
CLINTON 5 SE	.11		.31		.03			.08	.09	.15	.04			.01	
CLINTON 4 NW	.08		.16		.01				.20	.26	.05				.02
COVINGTON SPRINGS			.55		.06			T	.12	.07	.07				
FRANKLINTON 3 SWS	.29		.68		.05				.26	.14	.08				
GREENWELL SPRINGS	.08	.01	.22		.01			.08	.25	.25	.12				
HAMMOND 3 NW	.02	.01	.32		.03			.05		.44	.12				
KENTWOOD	.11	.01	.43						.29	.37	.05				
KENTWOOD 3 ENE	.02		.22		T				.02	.21	.03				.03
LIVINGTON 3 ENE	.05		.30		.02			.03	.02	.15	.03				
LSU BEN-HUR EXP STN	.07		.33						.65	.23	.17				
OAK NOLA	.05		.25						T	.40	.11				
PEARL RIVER LOCK 1	.05		.12						.24	.24	.11				
PORT GROVENE FIRE TOWER	.02		.56		.76				.01	.15	.02				
SAINT VINCENTSVILLE	.02		.06							.12	.05				
SHRIDAN FIRE TOWER	.35	T	.31							.11	.25				.25
SLIDELL WSO	.03		.20							.12	.10				.10
SPRINGVILLE FIRE TOWER															
WATSON 3 ENE															
ZACHARY 2 ESE															
07															
SOUTHWEST	.04				.10					.23	.23				
ABBEVILLE EXP STATION	.55									.01	.15				
BROWLEY 4 N	.54		.26		.03			.01		.55	.14				
DE RIDDER	.68		.60		.04					.14	.51				
ELIZABETH 8 SSW	.02		.02		T					.16	.44				
HACKBERRY	.45		.10		T					.17	.75				
JENNINGS	.66									.45	.11				
LAKE CHARLES 2 N AP	.44		T					.01	T	.22	.11				
LAKE CHARLES WSO AP	.44									.25	.11				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
APRIL 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
05											
CENTRAL											
ALEXANDRIA		1.34	.01		.02	2.00	.42	.02	.09	.47	.01
BEAVER FIRE TOWER		1.60	.40	T	.48	1.75	.90	T	.96	1.90	
BELVAH FIRE TOWER		1.40	.01		.85	1.18	.12			.50	
BOYCE 3 NNW		1.60			1.27	1.69	.34	.03		.01	
BUNKIE		1.25				3.68	.60	.02		.75	
GRAND COTEAU		1.47	.03			1.15	1.03		.14	.61	.02
JONESVILLE LOCKS	T	.95			.42	1.35	.08	T		.08	
LEWIS LEE EXP STN		1.77		T	.95	2.53	.49	.06	.20	.33	T
MARKSVILLE		1.11				1.08	1.20			.69	
MELVILLE		1.15	.02		T	1.17	.43	.01		.67	
NEW ROADS 5 ESE		1.32	.18		.10	1.17	2.61	.20		.22	
OLD RIVERS LOCK		1.34	.20	T		3.45	1.84	.06		.31	
OPELOUSAS		1.75		.02	2.85	1.37	.07	T		.45	.01
PORT ALLEN		.05	1.71			.31	2.32	.02		.23	
SIMMESPORT		1.58			.40	4.15	.64	.03		.14	.03
VIDALIA 2 SE		1.15			.09	4.42	.65	.06		.53	
WOODWORTH 2 SE		1.15				2.42	.65			.67	
06											
EAST CENTRAL											
SPRINGS F TWR	.05	.51			T	2.77	.26	.01		1.17	.02
AMITE	.26	.93	.02			.81	1.39	.02		.33	
BAKON		.80	.24			1.23	1.99	.01		.13	
BATON CENTRAL	T	.86	.01	T	.36	1.36	2.49	.02	.05	.09	.50
WISO AP		.75	.01			1.69	3.10	.05		.26	
WOODLAWN	.18	.04	.76	.06		.74	.96	.08		.47	.14
BOGALUSA	.10	.85	.18	T		1.73	1.46	T		.29	
CLINTON 5 SE		.90	.07	.01	.40	.99	1.62	.01	T	.73	T
CLINTON 4 NNW		.37	.02	.10		2.41	1.32	T		.19	
DENHAM SPRINGS		.02	1.50			1.12	1.94	.06		.56	.14
FRANKLIN 3 SW		.87	.85		1.60	1.47	1.29	.06	.57	.85	1.68
GREENWELL		.08	1.16	.01		.50	1.60	.03		.23	
HAMMOND 5 NW	.08	.08	.46			.70	2.72	.16		.40	
KENTWOOD 3 NW	.21	.57				.95	1.80	.09	.02	.37	
LIVINGSTON 3 ENE	.15	.92	.20	T	.05	3.83	1.59	.06		.22	
LSU BEN-HUR EXP STN	.12	.91				3.05	1.70	.05	T	.19	
OAKNOLIA		.15	.41	.07	.01	1.15	2.35	.03		.17	.01
PEARL RIVER FIRE TOWER	.17	.15	.61	.11		.61	1.67	.02		.29	.11
PORT VINCENT FIRE TOWER	.05	1.23	.55	.12		.95	2.00	.06	.05	.25	
SHERIDAN FIRE TOWER	T	.46	.37		T	1.26	.33	.11		.34	
SLIDELL FIRE TOWER	T .95	.12	.55	T		2.73	.62	T	.07	.58	
SPRING 3 ENE	.30	.98	.04		.29	2.09	.35	.06	2.61	.28	
WACHARY 2 ENE		1.25	.21	T		.84	1.00	.08		.65	
07											
SOUTHWEST											
EXP STATION	.07	T .55	.85	T		.20	.30	.22		.38	
ABOVEVILLE 4 N		1.00	.16			.56	.52	.05		.17	T .04
DE RIDDER	T	2.33		.03		2.43	1.74	.03		.84	.01
ELIZABETH 8 SSW	T	1.51	.02	T		3.04	.90	.03	.01	.48	
HANNING 3 W	T	1.43	T	T		.25	.41	.10		.54	T
KINKEADELL	T	2.65	T	T		.50	.75	.08	.86	.25	T
LAKE CHARLES WSO AP		1.77	T	T		.71	.22			.53	T

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
APRIL 1982

DAY OF MONTH

TOTAL

STATION

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LONGVILLE	-	-	T .23	-	-	-	-	-	-	-	.09	-	-	-	-
MENTITIE 2	-	-	.43	-	-	-	-	-	-	.43	.35	-	-	-	-
OAKOALE	-	-	.33	-	.03	-	-	T	-	.31	.20	-	-	.02	-
ROCKEFELLER FIRE TOWER	.02	-	T .33	-	-	-	-	-	T	.37	.31	-	-	T	-
SULPHUR	-	-	T	T	.08	-	-	-	-	.46	.17	-	-	-	-
VERMILION LOCK	-	-	T	-	-	-	-	-	-	.18	.18	-	-	-	-
SOUTH CENTRAL LOCK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAYOU SORRELL	.10	-	.03	-	.12	-	-	.03	.16	.27	.10	-	-	-	-
BUTTE LA ROSE	.05	-	.20	-	.03	-	.03	.05	.28	.24	.05	-	-	-	-
CARVILLE 2 SW	.13	-	.06	-	.03	-	.03	.05	.15	.82	.10	-	-	-	-
FRANKLIN 3 NW	T	T	.01	T	.03	-	-	T	.14	.54	.22	-	-	-	T
JEANERETTE EXP STN	.04	-	.01	-	T	-	.05	.05	.03	.06	.11	-	-	-	-
LAFAYETTE FFA AP	.02	-	.20	-	.15	-	-	-	.50	.20	.20	-	-	-	-
NEW IBERIA 5 NW	-	-	-	-	-	-	-	-	-	.17	.03	-	-	-	-
PLAQUEMINE 2 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHEAST	.50	-	-	-	-	-	-	-	-	-	.33	-	-	-	.01
BOOTHVILLE WSCMO CI	.08	.05	T .30	-	T .10	-	.03	.10	.49	.36	.51	-	-	-	-
DELTA-BRETON WL REF	-	-	.15	-	.03	-	.07	.07	.32	.99	.09	-	-	-	-
OSONVILLE	.02	-	.01	-	.01	-	.07	.07	.16	.27	.10	.04	-	-	.01
GONZALES	.01	.02	.40	T	.04	-	.01	.05	.05	.37	.09	.04	-	-	.15
LOUISIANA NATURE CTR	-	-	.23	-	T .02	-	.01	.09	.17	.19	.04	-	-	-	-
NEW ORLEANS WSCMO AP	-	.06	.16	-	.02	-	.04	.04	.13	.50	.05	-	-	-	-
NEW ORLEANS SFOG CIERS	-	-	.46	-	.01	-	.08	.08	.07	.33	.05	-	-	-	-
NEW ORLEANS O P S 14	-	-	.15	-	.02	-	.03	.03	.02	.23	.07	-	-	-	-
NEW ORLEANS WATER PLT	-	-	.29	-	.01	-	.07	.07	.02	.35	.09	-	-	-	-
NEW ORLEANS CITY HALL	-	-	.22	-	.02	-	.03	.03	.02	.38	.07	-	-	-	-
NEW ORLEANS O P S 5	-	-	.20	-	-	-	.05	.05	.02	.35	.02	-	-	-	-
NEW ORLEANS O P S 3	-	-	.10	-	-	-	.05	.05	.11	.33	.02	-	-	-	-
NEW ORLEANS O P S 6	-	-	.22	-	.03	-	.08	.08	.24	.88	.17	-	-	-	-
PARADISE 7 S	-	-	.22	-	-	-	.06	.06	.11	.33	.02	-	-	-	-
PLAQUEMINES EXP STN	-	-	.22	-	-	-	.06	.06	.24	.88	.17	-	-	-	-
RESERVE	-	-	.22	-	-	-	.06	.06	.24	.88	.17	-	-	-	-
SAINT BERNARD	-	-	.22	-	-	-	.06	.06	.24	.88	.17	-	-	-	-
THIBODAUX 4 ESE	-	-	.22	-	-	-	.06	.06	.24	.88	.17	-	-	-	-

DAILY PRECIPITATION (CONT)

LOUISIANA
APRIL 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LONGVILLE	-	1.67	.06	-	-	T	1.75	.07	-	.60	T
MENTAUX	-	1.36	.04	-	-	1.40	1.00	.04	-	1.40	-
MITLEE	-	2.08	.04	-	-	4.93	1.70	.08	-	1.55	-
OAKDALE	-	1.92	.08	T	-	3.14	1.42	.31	-	1.38	-
OBERKELLER FIRE TOWER	-	1.79	.08	T	-	.06	1.04	.36	-	.50	-
REFUGEE	-	1.60	.02	T	-	.15	2.10	.37	.30	.92	.30
SULPHUR	-	1.60	.02	T	-	.15	2.20	.37	-	.13	-
VERMILION LOCK	-	1.60	.02	T	-	.15	2.20	.37	-	.13	-
SOUTH CENTRAL LOCK	08	-	.48	-	-	T	3.05	.37	-	.27	-
BAYOU CORRELL	-	.58	.41	-	.20	1.10	2.42	.04	-	.03	-
BUTTE LA ROSE	-	.32	.58	-	.11	1.72	1.83	.10	.48	.03	.14
CARVILLE	-	.68	.35	T	.73	.63	4.24	.20	.13	.15	.01
FRANKLIN 3 NW STN	-	.40	.40	.01	-	1.44	1.00	.93	.01	.12	.02
JEANERETTE FAA AP	-	T	1.05	-	-	1.41	2.68	.03	-	.25	-
LAFAYETTE CITY	-	T	1.05	-	-	1.10	2.95	.03	-	.25	-
MORGAN 5 NW	-	T	1.05	-	-	1.10	2.95	.03	-	.25	-
PLAQUEMINE 2 N	-	T	1.05	-	-	1.10	2.95	.03	-	.25	-
SOUTH EAST	09	-	.13	-	-	-	-	.39	-	.03	-
BOOTHVILLE WSCMO CI	-	-	.13	-	-	-	-	.39	-	.03	-
DELTA-BRETONVILLE	-	1.12	.27	-	.71	.80	2.02	.22	T	.55	.04
DONALDSONVILLE	-	1.12	.27	-	.71	.80	2.02	.22	T	.55	.04
GOLDEN MEADOW	-	1.12	.27	-	.71	.80	2.02	.22	T	.55	.04
GONZALES	-	1.12	.27	-	.71	.80	2.02	.22	T	.55	.04
HOUMA	-	1.12	.27	-	.71	.80	2.02	.22	T	.55	.04
LOUISIANA NATURE CTR	-	1.12	.27	-	.71	.80	2.02	.22	T	.55	.04
ORLEANS WSCMO AP	.15	.36	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ADON WSCMO CI	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS ALGERS	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DATER PLT	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS CITY HALL	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 3	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 6	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 7	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 8	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 9	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 10	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 11	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 12	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 13	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 14	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 15	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 16	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 17	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 18	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 19	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 20	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 21	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 22	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 23	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 24	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 25	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 26	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 27	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 28	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 29	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 30	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 31	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 32	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 33	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 34	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 35	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 36	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 37	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 38	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 39	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 40	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 41	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 42	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 43	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 44	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 45	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 46	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 47	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 48	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 49	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 50	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 51	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 52	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 53	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 54	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 55	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 56	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 57	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 58	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 59	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 60	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 61	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 62	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 63	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 64	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 65	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 66	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 67	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 68	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 69	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 70	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 71	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 72	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 73	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 74	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 75	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 76	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 77	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 78	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 79	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 80	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 81	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 82	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 83	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 84	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 85	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 86	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 87	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 88	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 89	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 90	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 91	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 92	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 93	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 94	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 95	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 96	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 97	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 98	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 99	.24	.24	.01	-	.15	.05	.94	.43	2.71	.90	.02
NEW ORLEANS DD P S 100	.24	.24	.01	-	.15	.05	.94	.43			

LOUISIANA
APRIL 1982

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
APRIL 1982

STATION		DAY OF MONTH																																AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
05	NATCHITOCHES	MAX 78	82	74	72	89	62	65	85	65	55	72	78	78	85	84	87	75	74	83	68	58	61	69	67	61	75	77	80	78	81	74	5		
		MIN 66	66	51	50	56	45	39	40	46	46	37	42	48	67	66	67	62	53	56	59	57	50	45	49	47	53	59	53	58	59	61	53	5	
	ROSELINE EXP STATION	MAX 85	79	77	75	88	55	66	87	61	56	69	75	75	82	82	84	75	74	84	78	63	58	68	62	75	77	80	78	82	74	6			
		MIN 67	68	53	48	46	41	43	49	47	45	36	39	57	67	64	69	64	53	60	70	58	48	46	46	54	56	52	58	60	56	54	0		
	CENTRAL	MAX 81	79	75	52	55	47	40	46	48	42	39	41	60	68	67	74	59	53	83	75	62	60	70	61	73	76	78	75	82	84	74	4		
		MIN 55	65	55	52	55	47	40	46	48	42	39	41	60	68	67	74	59	53	83	75	62	60	70	61	73	76	78	75	82	84	51	1		
	ALEXANDRIA	MAX 78	81	75	73	89	64	66	85	64	49	70	74	75	84	82	83	73	76	84	77	60	60	69	65	74	76	81	75	82	55	3			
		MIN 66	68	57	49	57	43	41	46	48	36	43	51	67	68	69	64	64	64	71	58	49	47	46	58	61	53	58	59	60	58	59	60	55	2
	BELAH FIRE TOWER	MAX 81	77	78	79	76	92	59	65	84	65	59	71	76	78	85	81	86	69	76	84	71	57	63	70	64	74	79	79	80	83	74	7		
		MIN 65	68	66	46	63	40	38	54	44	46	36	41	52	67	63	69	64	52	63	62	56	48	43	45	58	59	54	55	58	60	54	5		
	8OYCE 3 WNW	MAX 79	79	75	68	90	76	65	85	62	55	69	74	75	86	82	84	75	75	83	78	60	61	69	66	73	79	77	80	80	74	4			
	MIN 55	65	55	52	55	47	40	46	48	42	39	41	60	68	67	74	59	53	83	75	62	60	70	61	73	76	78	75	82	84	51	1			
06	BUNKIE	MAX 78	81	75	73	90	61	69	86	64	59	70	76	77	84	85	84	75	77	83	81	62	60	68	68	73	79	78	79	83	75	3			
		MIN 67	67	57	49	52	44	41	43	47	46	36	42	52	63	65	60	60	54	58	66	59	51	49	50	55	62	56	57	60	62	75	2		
	GRAND COTEAU	MAX 81	79	76	70	86	83	70	85	81	62	70	68	78	83	85	84	83	79	81	85	65	51	70	71	80	83	81	80	83	84	77	6		
		MIN 63	62	59	49	65	42	43	60	45	48	39	43	63	69	67	74	64	55	68	65	60	51	51	50	63	66	56	59	62	57	57	3		
	JONESVILLE LOCKS	MAX 77	78	80	74	70	88	57	67	84	63	58	69	75	77	85	83	85	73	73	78	60	61	69	66	73	79	77	80	80	74	1			
		MIN 64	66	59	52	55	41	42	45	44	46	38	39	40	62	67	68	64	54	56	65	60	50	46	48	51	51	55	56	57	62	53	4		
	LSU DEAN LEE EXP STN	MAX 81	79	80	75	73	89	61	67	85	64	52	68	75	76	83	83	83	74	76	83	79	61	60	68	64	73	77	78	74	82	74	7		
		MIN 66	68	57	50	57	43	39	47	46	46	36	43	46	67	67	68	64	51	57	71	59	50	45	47	57	63	55	58	58	60	54	5		
	MAMOU 4 S	MAX 84	81	77	77	91	91	71	85	85	62	69	68	77	84	86	85	82	76	83	82	82	63	71	69	80	83	80	83	85	87	79	3		
		MIN 70	70	61	55	68	47	45	62	50	52	49	43	73	70	71	74	64	58	69	66	60	52	55	52	64	67	59	61	64	63	60	61	60	1
	MELVILLE	MAX 72	81	80	75	77	86	62	69	85	64	63	63	73	75	83	85	84	79	78	83	78	65	65	71	72	79	82	78	80	81	75	8		
	MIN 62	65	58	56	63	45	49	47	48	40	43	52	57	63	68	64	55	64	70	63	53	51	52	62	65	55	56	60	59	56	58	55	56	55	2
NEW ROADS 5 ESE	MAX 73	82	79	75	74	85	75	67	85	67	64	69	76	81	83	84	84	84	84	84	83	67	60	71	71	81	83	80	79	80	76	8			
	MIN 62	65	60	51	57	46	43	46	47	50	41	42	48	64	67	70	64	51	60	70	63	50	50	53	60	63	55	58	60	59	55	8			
OLD RIVER LOCK	MAX 72	79	79	80	70	87	63	57	68	73	68	74	79	82	82	80	76	77	82	79	63	68	69	70	76	79	77	78	80	75	7				
	MIN 64	62	61	48	50	45	40	43	38	44	41	45	57	64	67	65	54	54	67	60	52	52	52	53	60	58	58	59	52	53	56	58	53	5	
OLLA 3 SSW	MAX 83	82	81	73	72	88	56	66	84	64	58	71	77	76	86	83	86	71	74	84	71	58	61	68	64	75	77	78	79	81	74	2			
	MIN 63	66	53	45	53	40	36	43	43	45	31	38	53	63	61	67	64	47	57	61	56	49	39	42	55	58	50	54	55	58	51	5			
WOODWORTH 2 SE	MAX 75	90	79	76	72	84	73	66	77	64	58	70	76	74	84	83	83	76	77	85	78	62	63	69	63	71	79	89	76	83	75	2			
	MIN 65	65	54	47	54	46	38	41	45	45	36	42	50	64	65	69	60	52	52	70	57	48	44	45	52	59	52	52	58	58	52	8			
06	EAST CENTRAL	MAX 76	81	82	80	72	87	67	69	85	74	71	73	87	82	83	83	85	81	80	84	83	66	61	74	75	82	84	81	82	84	78	5		
		MIN 62	65	62	46	60	43	42	53	46	45	40	41	55	61	65	68	64	56	63	69	63	49	48	51	61	63	55	56	57	57	57	57	1	
	BATON ROUGE WSO AP	MAX 81	82	76	70	87	71	68	86	70	64	70	76	81	83	86	86	80	77	83	86	68	60	72	74	82	82	81	80	83	81	77	5		
		MIN 64	68	53	50	67	48	45	60	49	46	41	44	61	66	65	74	63	58	68	66	59	53	54	54	64	64	58	59	63	61	58	2		
	8OGALUSA	MAX 76	82	81	76	73	88	63	69	84	71	67	73	76	81	82	84	83	80	85	83	66	60	72	75	83	84	79	80	83	77	3			
		MIN 63	63	63	47	55	44	41	44	47	48	42	42	53	63	66	65	70	57	61	70	63	43	48	50	60	61	55	56	57	59	55	4		
	CLINTON 5 SE	MAX 73	82	80	74	72	84	64	66	83	68	64	70	74	78	81	82	83	77	78	82	80	65	59	71	70	80	81	78	80	81	75	3		
		MIN 62	62	60	48	62	43	39	48	45	47	40	40	52	64	64	64	64	54	62	69	62	49	47	48	60	65	56	56	58	57	55	1		
	COVINGTON 4 NNW	MAX 79	81	77	72	86	84	70	85	80	67	72	74	80	82	82	84	85	80	82	84	67	68	72	73	79	81	81	80	82	83	78	3		
		MIN 60	54	62	42	63	45	41	58	48	50	41	38	52	66	61	65	55	56	66	65	64	50	50	51	61	61	52	56	53	60	55	2		
	FRANKLINTON 3 SW	MAX 82	81	77	71	92	72	70	87	71	65	72	75	82	84	83	84	79	79	82	82	64	59	73	74	83	86	79	80	84	82	77	8		
	MIN 62	65	51	45	63	44	41	58	47	48	40	40	52	65	63	67	62	56	67	64	55	49	48	49	62	61	54	55	55	61	55	0			
HAMMOND 5 E	MAX 76	79	81	77	71	85	65	67	83	71	65	70	75	81	82	82	84	79	77	82	85	67	57	71	73	80	84	80	80	76	3				
	MIN																																		

DAILY TEMPERATURES (°F)

LOUISIANA
APRIL 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
07 SOUTHWEST CROWLEY EXP STATION DE QUINCY 4 N DE RIDDER ELIZABETH HACKBERRY 8 SSW JENNINGS LAKE CHARLES WSO AP OBERLIN FIRE TOWER ROCKEFELLER WL REFUGE VERMILION LOCK	MAX MIN	82 67	79 68	78 60	73 48	74 62	85 42	64 52	71 49	86 49	67 40	61 45	69 45	75 58	78 68	83 68	83 71	76 65	73 62	82 71	85 63	72 52	60 52	68 51	65 50	78 65	82 52	78 60	81 61	81 60	75.8 57.4		
	MAX MIN	85 65	81 68	76 56	75 50	78 48	90 48	66 42	71 45	88 48	60 45	59 36	70 40	75 45	76 54	82 66	84 63	74 60	79 57	83 70	84 60	64 48	47 48	68 46	52 45	68 46	77 51	80 55	84 56	75.5 54.7			
	MAX MIN	84 68	80 69	79 53	77 48	73 61	91 47	63 41	67 48	86 48	60 45	55 36	71 40	76 45	76 67	83 66	84 70	75 64	84 56	75 59	84 71	62 45	57 47	69 45	78 53	81 57	80 50	79 57	81 60	74.9 54.9			
	MAX MIN	86 69	80 79	79 53	77 48	73 61	91 47	65 41	67 48	87 48	60 45	58 36	70 40	74 45	74 68	82 65	82 69	78 60	87 56	73 60	83 78	62 47	57 46	71 46	76 51	81 57	76 52	81 50	76 57	75.2 54.7			
	MAX MIN	79 65	79 63	77 60	77 63	76 58	85 52	64 54	70 52	83 52	66 44	59 42	66 42	74 50	75 64	83 69	80 68	80 74	79 63	85 78	81 60	70 53	68 42	55 44	67 55	78 59	80 59	82 64	78 64	75.9 58.9			
	MAX MIN	83 67	81 68	79 60	75 51	72 58	86 50	62 45	71 45	87 50	66 40	61 39	70 47	75 48	78 63	83 69	85 71	84 70	78 63	85 71	81 63	72 57	67 51	72 51	66 51	70 52	80 55	82 56	76 60	81 60	75.3 56.8		
	MAX MIN	82 64	78 69	77 52	70 51	89 65	66 48	72 44	85 43	67 48	75 43	63 39	75 45	81 63	81 69	85 71	81 63	80 58	70 68	81 64	66 56	57 51	68 51	63 52	76 61	83 52	79 55	80 58	78 60	81 59	75.3 57.4		
	MAX MIN	84 67	81 69	80 55	77 50	81 61	91 47	65 42	69 45	87 48	62 40	61 39	71 42	74 48	76 68	82 66	84 71	81 63	80 55	77 60	83 62	70 49	63 54	62 45	70 55	83 54	75 58	81 59	82 61	81 59	76.4 56.5		
	MAX MIN	82 66	80 68	78 64	76 54	74 61	80 51	65 45	72 49	85 52	72 43	62 40	75 48	79 62	81 69	83 70	83 69	79 66	81 70	81 64	82 63	75 54	57 48	70 55	52 45	68 55	80 58	82 59	79 61	82 62	76.2 58.9		
	MAX MIN	80 65	80 67	77 65	77 55	72 57	82 50	65 46	69 48	84 45	72 40	68 47	78 50	80 62	80 67	83 69	81 71	83 68	80 70	83 65	80 57	72 58	68 52	80 57	76 52	82 54	82 58	79 54	82 58	76 60	81 59	75.6 56.9	
08 SOUTH CENTRAL CARVILLE 2 SW FRANKLIN 3 NW JEANERETTE EXP STN LAFAYETTE FAA AP MORGAN CITY NEW IBERIA 5 NW	MAX MIN	76 63	83 62	76 50	75 59	75 49	85 49	69 45	80 49	85 49	63 43	69 44	74 45	80 63	83 70	84 75	80 68	73 63	83 76	84 70	83 62	75 54	67 49	70 53	80 63	83 55	79 59	80 60	83 60	77.5 56.9			
	MAX MIN	87 67	80 67	76 52	75 53	82 53	90 48	73 48	84 51	87 47	73 43	72 46	74 43	80 62	84 67	84 72	76 66	76 60	73 52	84 61	70 49	69 46	73 52	75 45	83 53	80 58	83 57	81 56	85 66	77.7 59.7			
	MAX MIN	80 67	82 67	79 66	73 52	73 56	84 48	67 45	70 48	85 49	72 40	61 46	71 46	72 53	81 66	81 66	77 61	81 59	77 53	80 64	83 58	73 51	64 45	80 54	83 51	82 58	80 51	81 54	76.4 58.1				
	MAX MIN	80 68	77 68	76 53	70 48	82 68	69 47	85 45	61 50	61 50	69 45	73 40	78 46	81 46	83 68	83 67	80 73	76 65	74 58	80 69	83 64	79 51	80 53	73 46	82 53	78 59	82 60	81 58	82 60	75.3 58.0			
	MAX MIN	81 68	81 68	80 51	72 56	72 59	79 49	68 45	81 49	82 49	74 46	63 47	73 46	79 63	80 69	83 71	80 71	82 64	79 66	83 71	82 64	79 55	70 46	85 51	80 55	81 59	79 59	80 60	76.1 59.3				
	MAX MIN	81 67	82 68	80 65	76 51	74 50	83 45	70 46	83 54	85 51	70 43	61 45	70 43	73 62	83 69	83 72	84 63	80 59	82 59	85 63	75 47	81 48	82 52	74 47	82 52	79 49	81 57	81 60	77.1 58.6				
	MAX MIN	70 58	73 59	73 60	75 56	62 59	70 49	62 45	71 54	61 55	67 49	62 45	64 55	70 60	71 68	72 64	79 62	79 65	75 54	75 63	76 54	75 46	67 46	68 41	75 51	78 63	73 60	75 58	77 60	71.9 59.7			
	MAX MIN	74 62	81 64	81 52	76 50	73 48	84 50	65 45	70 46	82 49	69 40	60 42	74 43	79 49	80 67	84 71	84 72	73 61	82 62	78 65	80 62	67 51	69 46	73 52	79 54	82 58	83 58	79 59	82 61	75.8 56.6			
	MAX MIN	81 69	83 71	82 63	80 67	80 59	83 48	72 52	85 46	77 52	73 45	74 47	77 46	77 47	78 61	81 66	83 73	85 68	83 69	80 76	81 68	76 51	68 46	72 45	78 53	81 56	81 60	80 58	81 62	78.9 61.9			
	MAX MIN	80 67	83 71	83 68	79 68	75 55	84 47	66 54	74 52	83 43	74 53	61 43	69 45	79 59	81 68	83 74	83 72	79 64	81 64	83 71	85 64	74 48	61 45	69 41	76 51	77 54	80 57	79 56	81 62	77.0 60.0			
MAX MIN	78 63	80 65	80 64	79 48	73 49	86 49	67 45	73 49	82 53	74 49	72 46	70 46	77 62	82 64	84 66	83 69	82 73	83 66	73 59	86 71	72 50	70 46	75 45	80 54	83 62	85 54	79 61	82 62	77.4 58.3				
09 SOUTHEAST BOOTHVILLE WSCMO CI DELTA-8RETON WL REF DONALDSONVILLE GOLDEN MEADOW HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP N O ADBON WFO CI PARADIS 7 S	MAX MIN	70 58	73 59	73 60	75 56	69 52	70 49	62 55	69 46	71 61	67 49	64 55	64 52	70 58	71 60	72 69	79 64	79 62	75 63	75 65	79 62	75 54	67 46	68 41	75 51	78 63	73 58	75 60	77 61	71.9 59.7			
	MAX MIN	74 62	81 64	81 52	76 50	73 48	84 50	65 45	70 46	82 49	69 40	60 42	74 43	74 49	79 60	80 67	84 71	82 62	78 65	80 62	73 51	67 46	71 45	72 40	73 35	80 54	83 58	79 59	82 61	75.8 56.6			
	MAX MIN	81 69	83 71	82 63	80 67	80 59	83 48	72 52	85 46	77 52	73 45	74 47	77 46	77 47	78 61	81 66	83 73	85 68	83 69	80 76	81 68	76 51	68 46	73 45	78 53	81 56	81 60	80 58	81 62	78.9 61.9			
	MAX MIN	80 67	83 71	83 68	79 68	75 55	84 47	66 54	74 52	83 43	73 45	61 43	69 45	79 59	81 68	83 74	83 72	79 64	81 64	83 71	85 64	74 48	61 45	69 41	76 51	77 54	80 57	79 56	81 62	77.0 60.0			
	MAX MIN	78 63	80 68	80 56	79 51	73 48	86 49	67 45	73 49	82 53	74 49	72 46	70 46	77 62	82 64	84 66	83 69	82 73	83 66	73 59	86 73	72 50	70 46	75 45	80 54	83 62	85 54	79 61	82 62	77.4 58.3			
	MAX MIN	80 63	83 68	83 56	78 51	70 47	83 49	68 45	76 49	82 53	76 49	72 46	70 46	77 62	82 64	84 66	83 69	82 73	83 66	73 59	86 73	72 50	70 46	75 45	80 54	83 62	85 54	79 61	82 62	77.4 58.3			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
APRIL 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PLAQUEMINES EXP STN	MAX	80	79	75	73	81	78	66	82	77	68	68	71	77	79	81	82	80	77	81	82	78	71	67	72	80	81	79	77	77	77	76.5	
	MIN	62	64	65	50	65	53	52	63	56	54	50	48	58	64	65	70	70	64	67	69	68	54	54	63	66	66	60	62	59	61	60.7	
RESERVE	MAX	78	80	78	78	82	82	65	68	84	71	70	72	75	81	83	84	84	78	84	83	86	69	59	76	78	79	82	82	79	82	77.7	
	MIN	62	65	50	48	49	50	48	53	52	46	46	43	56	65	60	68	68	64	62	70	65	51	50	58	57	56	57	57	60	60	56.5	
SAINT BERNARD	MAX	76	82	79	75	85	81	72	83	82	70	70	76	81	84	84	84	81	81	85	87	82	70	69	74	80	85	83	78	81	78	79.3	
	MIN	62	63	61	48	63	49	48	59	52	50	47	44	59	64	66	69	72	60	65	70	64	51	48	59	63	64	61	61	60	61	58.8	
THI800DAUX 4 ESE	MAX	85	81	77	72	81	78	69	83	81	66	70	73	79	81	83	82	81	81	82	85	82	71	69	75	81	81	81	80	80	81	78.4	
	MIN	64	68	60	47	67	52	46	61	52	52	42	42	51	65	67	71	64	61	70	71	65	50	51	56	64	66	55	60	58	58	58.5	

DAILY SOIL TEMPERATURES

LOUISIANA
APRIL 1982

STATION	DEPTH	DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		TIME																															
LOUISIANA NORTHWEST REO RIV VALLEY EXP STN	(IN)																																
	4MAX 4MIN	78 64	75 68	73 60	76 60	65 60	77 55	68 54	64 54	72 58	64 58	59 52	71 52	71 56	72 64	78 65	80 70	80 65	76 65	74 66	68 62	70 54	68 59	70 54	64 54	70 55	61 59	70 61	74 61	75 63	75 65		71.8 60.2
NORTH CENTRAL CALHOUN EXP STATION	(IN)																																
	4MAX 4MIN	78 65	78 55	74 60	74 59	68 55	77 53	71 53	64 53	73 56	61 53	59 50	71 54	71 54	67 62	78 64	82 66	77 62	73 62	73 65	67 62	67 59	67 53	64 53	70 53	63 55	73 61	73 60	73 60	79 64	75 65		71.9 59.0
MONROE NLU	(CM)																																
	10MAX 10MIN	74 64	73 65	71 62	73 60	67 59	74 55	68 52	63 51	70 56	63 55	57 49	66 48	70 53	65 61	77 62	75 66	75 68	71 62	70 65	66 62	65 58	64 52	61 52	66 52	62 57	71 62	71 61	82 61	79 62	73 66		69.8 58.9
NORTHEAST SAINT JOSEPH EXP STN	(IN)																																
	4MAX 4MIN	73 65	77 65	72 66	74 61	74 59	77 55	68 55	68 55	73 59	67 59	61 53	71 53	71 57	71 64	79 68	80 70	73 62	74 68	74 65	69 65	65 58	65 54	60 54	64 54	67 54	74 62	74 63	75 63	82 64	77 68		72.2 61.2
WINNSBORO	(IN)																																
	4MAX 4MIN	74 65	74 67	72 65	75 61	64 57	77 54	69 54	65 51	75 58	69 54	59 51	73 51	70 56	82 64	81 68	77 72	81 63	73 62	74 69	72 66	69 60	66 55	64 54	73 54	73 57	64 57	74 62	78 65	80 63	77 69		72.4 61.2
WEST CENTRAL ROSEPINE EXP STATION	(IN)																																
	4MAX 4MIN	80 66	74 68	74 61	76 57	86 54	78 54	70 54	82 64	59 53	56 45	72 44	70 51	76 61	76 67	69 69	75 60	80 60	75 69	76 63	79 69	76 63	67 57	61 54	69 54	60 54	72 59	78 59	79 59	75 62	80 64		73.4 59.0
CENTRAL LSU OGAN LEE EXP STN	(IN)																																
	4MAX 4MIN	75 64	73 68	73 65	71 60	65 58	77 54	67 54	65 51	74 59	67 54	57 49	68 48	67 53	76 61	76 66	72 69	74 62	76 69	74 62	76 65	69 59	60 55	65 55	60 55	65 55	61 55	74 61	73 62	79 65	73 65		70.1 60.0
EAST CENTRAL CLINTON 5 SE	(IN)																																
	4MAX 4MIN	69 65	75 65	72 67	71 60	63 59	74 60	67 55	64 55	72 61	68 54	64 53	73 54	69 56	73 61	73 67	74 70	74 65	74 65	75 68	75 68	70 64	68 57	63 57	69 57	66 59	81 59	77 64	77 65	77 65	77 68		71.5 61.7
HAMMOND 5 E	(IN)																																
	4MAX 4MIN	75 64	79 67	77 66	77 56	65 57	82 56	78 52	75 54	78 56	69 49	76 50	81 54	81 60	81 68	79 68	79 62	81 62	80 67	83 67	80 67	69 59	62 55	62 55	75 56	71 59	82 62	82 62	85 62	87 66	87 67		77.7 60.8
SOUTHWEST CROWLEY EXP STATION	(IN)																																
	4MAX 4MIN	79 69	79 70	77 64	83 58	72 60	85 60	78 56	74 56	87 60	75 56	65 48	79 51	76 56	82 63	85 69	85 71	79 62	80 64	82 67	80 67	69 60	61 57	61 57	62 56	62 60	78 62	81 62	81 62	81 63	84 63		77.3 61.4
SOUTHEAST HOUMA	(IN)																																
	4MAX 4MIN	70 65	72 66	72 68	76 60	67 61	73 64	69 60	63 59	73 63	68 59	62 54	68 55	75 61	75 66	72 61	75 68	73 62	75 68	73 67	76 68	71 64	68 58	64 57	68 57	67 61	74 65	74 64	82 68	76 64	83 68		72.4 63.2

STATION-NAME	SOIL TYPE	SOIL COVER	SLOPE	UNIT
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%	F
CLINTON 5 SE	BUFF TERRACE	BARE	0.1% TO 5%	F
CROWLEY EXP STATION	COASTAL PRAIRIE	BARE	0%	F
HAMMOND 5 E	FINE SANDY LOAM	BARE	0%	F
HOUMA	MOON SILT CLAY LOAM	BARE	0%	F
LSU OGAN LEE EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
REO RIVER VALLEY EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
ROSEPINE EXP STA	FINE SANDY LOAM	BARE	0%	F
SAINT JOSEPH EXP STA	SHARKEY CLAY	BARE	0%	F
WINNSBORO	BLUFF TERRACE	BARE	0%	F

EVAPORATION AND WIND

LOUISIANA
APRIL 1982

STATION		DAY OF MONTH																															TOTAL OR AVG
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LOUISIANA 01 NORTHWEST RED RIV VALLEY EXP STN	WIND	7	62	91	15	48	65	34	66	47	13	15	29	13	28	41	15	96	35	63	40	26	35	10	31	12	64	21	29	29	13	1311	
	EVAP	11	14	15	17	10	31	17	8	16	8	3	16	16	16	12	12	22	22	16	7	5	14	7	18	9	15	23	17	8	4.06		
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
NORTH CENTRAL 02 CALHOUN EXP STATION	WIND	10	34	81	33	32	95	22	37	43	16	25	22	91	12	16	72	74	34	24	32	42	48	21	19	7	34	44	29	24	18	1091	
	EVAP	12	13	19	25	15	35	16	10	14	11	3	17	26	2	12	13	25	19	13	-	7	15	10	18	1	11	19	21	19	12	4.208	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
NORTHEAST 03 SAINT JOSEPH EXP STN	WIND	23	53	98	42	74	144	115	50	121	87	60	33	98	55	26	68	81	70	59	54	80	96	95	37	30	32	66	63	30	28	1974	
	EVAP	11	19	15	22	19	34	21	10	29	33	5	26	14	10	10	28	12	21	14	3	-	14	18	16	17	7	22	27	19	8	5.108	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
EAST CENTRAL 06 LSU BEN-HUR EXP STN	WIND	22	38	71	72	54	101	74	45	61	*	122	14	58	51	30	59	*	146	37	57	59	55	*	*	114	42	65	21	-	15008		
	EVAP	14	21	17	16	*	41	34	13	28	*	33	28	22	14	13	14	*	32	25	*	42	7	*	*	42	25	27	20	-	5.408		
	MAX	79	82	85	89	70	89	76	76	88	-	73	82	83	84	87	88	-	88	89	92	70	61	-	-	92	93	89	91	-	83.2		
	MIN	68	71	68	55	62	47	45	45	54	-	45	50	62	61	70	70	-	60	70	65	54	49	-	-	49	61	60	60	-	58.4		
SOUTHEAST 09 HOUMA	WIND	21	31	88	34	101	100	68	75	75	74	54	23	42	56	41	68	74	40	51	57	55	65	61	53	58	28	32	24	17	20	1586	
	EVAP	9	17	19	29	0	21	15	24	22	23	2	12	20	15	14	16	17	17	1	12	24	12	-	20	13	16	14	27	22	-	4.808	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES
WIND: IS MEASURED IN MILES
MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION

LOUISIANA
APRIL 1982

OBSERVER

STATION

COUNTY

INDEX NO

LATITUDE

LONGITUDE

ELEVATION (IN FEET)

OBSERVATION
TIME AND
TABLES

OBSERVER

OAK GROVE 2	WSW
OAKNDLIA	FIRE TOWER
DBERLIN	FIRE LOCK
OLD RIVER	WSW
OLD A 3	SSA
DEBUDSA	7 S
PARADIS	RIVER LOCK 1
PEARL GROVE	FIRE TOWER
PLAIN DEALING	
PLAQUEMINES 2	N
PLAQUEMINES	EXP STN
PORT ALLEN	ST
PORT VINCENT	EXP STN
RED RIVER VALLEY	EXP STN
RESERVE	
ROBSON	FIRE TOWER
ROCKFELLER	WL REFUGE
RODESSA	
ROSETON	EXP STATION
RUSSELL	TECH UNIV
SAINTS	FIRE TOWER
SAINT BERNARD	
SAINT FRANCISVILLE	
SAINT JOSEPH	EXP STN
SAINT DAN	FIRE TOWER
SHREVEPORT	DOWNTOWN
SHREVEPORT	WSO AP
SIMMESPORT	
SLIDERSVILLE	FIRE TOWER
SPRINGVILLE	
SPRINGVILLE	FIRE TOWER
STERLINGTON	
STEVENSON	FIRE TOWER
SUGARTOWN	
SULPHUR	
THURGOOD	4 ESE
TRIMBLE	LOCK
VERMILION 2	
WATSON 3	ESE
WINNFIELD 2	W
WINNFIELD	
WINNFIELD	FIRE TOWER
WOODWORTH 2	ESE
WOODWORTH 2	ESE

[illegible]

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- * Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An x preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
- V Includes total for previous month(s). (See x above)
- // Gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)
- B Adjusted monthly value, estimated)
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. 11-7 missing values for Wind and Evaporation). M appears alone if 10 or more daily values are missing, (8 or more for Wind and Evaporation).
- R Amounts from recording gage.
- T Trace. An amount too small to measure.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- J Station also published as a Local Climatological Data publication.
- H Observations appear in "Snowfall and Snow on Ground" table.
- MID Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months.
- WI Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

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SPECIAL WEATHER SUMMARY

Dr. Robert A. Muller, State Climatologist
 Department of Geography and Anthropology
 LSU, Baton Rouge, LA 70803-4105

Highlights:

Except for the New Orleans area, mean temperatures were 1.5 to 3° below normal. Rainfall was mostly normal to above normal except for east central and parts of northwestern Louisiana.

Analysis of Synoptic Weather Types for April

The upper air pattern of troughs and ridges across the United States began to recede northward during April, and there were periods during April when Louisiana was under a weak and ill-defined upper air flow from west to east. During a "normal" spring the upper air pattern of westerly flow retreats northward towards the Canadian border, and by summer Louisiana is often dominated by a weak subtropical flow aloft from east to west.

The surface synoptic weather was dominated by frequent frontal passages; we counted 15 warm or cold front passages over the New Orleans area during the month. The resultant weather was very changeable; there were no really long runs of weather types as in March. In the New Orleans area, there were two runs of Continental Index (CI) weather from the 9th-12th and the 21st-25th, and one run of Tropical Index weather (TI) from the 13th-16th.

The preliminary analysis of synoptic weather types over southeastern Louisiana shows the following frequencies, with the 20-year average for 1961-1980 included for comparison. Average frequencies for May are also shown.

SYNOPTIC WEATHER TYPES

	April		May
	1982	1961-80	1961-80
Pacific High (PH)	2	4	5
Continental High (CH)	26	19	19
Frontal Overrunning (FOR)	23	13	13
Coastal Return (CR)	5	9	13
Gulf Return (GR)	27	34	26
Frontal Gulf Return (FGR)	17	16	15
Gulf Tropical Disturbance (GTD)	0	0	1
Gulf High (GH)	0	5	9
Continental Index (CH+FOR)	49	32	32
Tropical Index (GR+FGR)	44	50	51
Storminess Index (FOR+FGR)	40	29	29
		(GR+FGR+GTD+GH)	
		(FOR+FGR+GTD)	

From the perspective of frequencies of synoptic weather types, April was not especially unusual. The Frontal Overrunning (FOR) frequency of 23% is the fourth highest of the data series, with the highest 33% in 1975. The Continental Index (CI, the combination of CH and FOR weather) of 49% is the second highest of the data series, with 51% in 1975 the highest. Since the continental Index (CI) is a measure of cold air circulation patterns, it is not surprising that monthly mean temperatures across Louisiana were below normal at almost all locations.

Similarly, the Storminess Index (SI) frequency of 40% is the fourth highest of the data series, with the highest for April set at 61% in 1979. It follows then that opportunities for precipitation were above normal, and a considerable number of stations across the State reported above normal precipitation. It should be added, however, that unusually heavy daily rainfalls like those occurring over local areas of the New Orleans metropolitan region on the 24th and 25th are not closely correlated with the monthly frequency of stormy weather types. Stated in other words, these very heavy rainfalls are submerged within the regional synoptic patterns, and rarely represent storm totals over large areas.

APRIL 1982: Climate Summary. . . Below Normal Temperatures and Above Normal Rainfall

Temperature:

Except for the New Orleans area, mean monthly temperatures for April 1982 were 1.5 to 3° below normal. Temperatures were 1 to 1.5° above normal in New Orleans.

An old record low temperature was tied at Monroe NLU with 35° on the 11th. Two record lows were tied at Lake Charles with 51° on the 23d and 52° on the 24th. No record lows were tied or broken at Shreveport, Baton Rouge, and New Orleans.

A few record highs were broken or tied. A record high was tied at Baton Rouge with 87° on the 5th. An 89° reading on the 5th in Lake Charles established a new record high for that date. At New Orleans Moisant record highs were tied on the 5th and 15th.

A few later than normal last spring freezes occurred over northern and west central Louisiana. 32° on the 11th at St. Joseph is the latest spring freeze for the period of record since 1941.

Precipitation:

April 1982 rainfall amounts over Louisiana were mostly normal to above normal. The main areas that had below normal precipitation were most of east central and parts of northwestern and extreme southeastern Louisiana.

Caddo, Bossier, and Webster parishes in northwestern Louisiana had rainfalls of 2 to 3 inches below normal. Most of east central Louisiana had 1/2 - 1 inches below normal rainfall, except for western Washington Parish where it was 1-2 inches above normal.

A very wet band of 4-6 inches above normal rainfalls occurred from Mansfield to Coushatta to Winnsboro. Another band of heavy rain occurred over southeastern Louisiana from Houma to eastern New Orleans.

Very heavy rains on the 24th and 25th inundated parts of West Jefferson, Orleans, and St. Bernard Parishes producing some local flash flooding. The area just 5 miles west of Gretna received a once in a hundred year storm with 12.92 inches of rain in 24 hours.

On the 1st a very heavy thunderstorm occurred northwest of Ruston. On the 2d, a tornado moved northeastward from just east of Ruston to northwest of Farmerville. Chicken houses were damaged east of Ruston, and marble size hail was reported north of Monroe.

There were power outages and trees downed in Lake providence and damage to the high school on the 2d.

A funnel cloud was reported just north of Ruston on the 4th.

On the 17th, numerous trees and power lines were downed in Catahoula and Concordia Parishes, with some wind damage to several houses. Heavy rains occurred over parts of northwest and west central Louisiana, producing road flooding in DeSoto Parish and the evacuation of a number of persons in Mansfield. Some roads were flooded in parts of Sabine Parish.

Some tornado damage was reported on the 19th in Desoto and Bienville Parishes.

There were a number of reports of severe weather on the 21st. Strong thunderstorms moved across St. Tammany Parish. Some street flooding and power outages occurred in the greater Baton Rouge area. Hail was reported just south of Denham Springs, and golf ball size hail fell at Mansfield in northwestern Louisiana. A tornado 9 miles south of Homer in Claiborne Parish destroyed a house and downed numerous trees.

On the 23d, a flood warning was issued for the Little River from Rochelle downstream toward Catahoula Lake.

Very heavy rains on the 24th and 25th produced some flooding in the greater New Orleans areas. Water lapped over the curbs on St. Charles avenue. Much of the west bank was flooded with water entering some homes.

A tornado on the 25th moved northeastward from near Keatchie to Kickapoo to Dixie Inn in Webster Parish to northeast of Minden downing trees and destroying outbuildings.

LOCAL CLIMATOLOGICAL DATA PUBLICATIONS

**PUBLISHED MONTHLY, WITH ANNUAL
SUMMARIES, FOR SELECTED SITES IN
THE UNITED STATES, PUERTO RICO AND
PACIFIC ISLANDS.**

MONTHLY ISSUES CONTAIN:

- * HOURLY PRECIPITATION
- * DAILY DATA AND MONTHLY SUMMARY
- * OBSERVATIONS AT 3-HOUR INTERVALS
- * MAXIMUM SHORT DURATION PRECIPITATION
- * SUMMARY BY HOURS

ANNUAL ISSUES CONTAIN:

- * NARRATIVE CLIMATOLOGICAL SUMMARY
- * MONTHLY AVERAGE FOR THE CURRENT YEAR
- * MONTHLY NORMALS, MEANS, EXTREMES
- * AVERAGE TEMPERATURE
- * TOTAL PRECIPITATION
- * TOTAL SNOWFALL
- * COOLING DEGREE DAYS
- * HEATING DEGREE DAYS
- * STATION LOCATIONS

LOCAL CLIMATOLOGICAL DATA Monthly Summary

NATIONAL WEATHER SERVICE OFC

LATITUDE 35° 26' N LONGITUDE 82° 33' W ELEVATION (GROUND) 2140 FEET

TIME ZONE EASTERN

WBAN 03812



TEMPERATURE °F				DEGREE DAYS BASE 65°F		WEATHER TYPES		SNOW ICE PELLETS		PRECIPITATION		AVERAGE STATION		WIND			
				SDN	JULI	DN	ANJ	1 FOG	2 HEAVY FOG	NO							
OBSERVATIONS AT 3-HOUR INTERVALS																	
												MAR 1982		D3812			
												MAR ASHEVILLE, NORTH CAROLINA					
												VISI-		TEMPERATURE		WIND	

[illegible][illegible]

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150
PRECIPITATION (INCHES)	00.12	00.13	00.13	00.15	00.17	00.22	00.28	00.34	00.37	00.40	00.40
ENDED: DATE	17	17	17	13	07	07	07	07	07	07	
TIME	0230	0235	0240	1522	0400	0415	0430	0445	0505	0520	

Local Climatological Data

Annual Summary With Comparative Data

1980

ASHEVILLE, NORTH CAROLINA



Narrative Climatological Summary

The city of French Broad Basin, south for south-southwest is oriented upstream from Swannanoa River. The entire valley having

Meteorological Data For The Current Year

Latitude 35° 26' 11"

nearby rural areas.
of sufficient length
length of freeze

Normals, Means, And Extremes

[illegible]

The illustration shows a complex weather station data form with multiple sections and tables. The sections include:

- Temperature:** A table with columns for months (Apr, May, June, July, Aug) and rows for different temperature measurements (e.g., 15.0, 11.0, 7.0, 3.0, -1.0, -5.0, -9.0, -13.0, -17.0, -21.0, -25.0, -29.0, -33.0, -37.0, -41.0, -45.0, -49.0, -53.0, -57.0).
- Precipitation:** A table with columns for months (Jan, Feb, Mar) and rows for different precipitation measurements (e.g., 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, 21.0, 22.0, 23.0, 24.0, 25.0, 26.0, 27.0, 28.0, 29.0, 30.0, 31.0, 32.0, 33.0, 34.0, 35.0, 36.0, 37.0, 38.0, 39.0, 40.0, 41.0, 42.0, 43.0, 44.0, 45.0, 46.0, 47.0, 48.0, 49.0, 50.0, 51.0, 52.0, 53.0, 54.0, 55.0, 56.0, 57.0, 58.0, 59.0, 60.0, 61.0, 62.0, 63.0, 64.0, 65.0, 66.0, 67.0, 68.0, 69.0, 70.0, 71.0, 72.0, 73.0, 74.0, 75.0, 76.0, 77.0, 78.0, 79.0, 80.0, 81.0, 82.0, 83.0, 84.0, 85.0, 86.0, 87.0, 88.0, 89.0, 90.0, 91.0, 92.0, 93.0, 94.0, 95.0, 96.0, 97.0, 98.0, 99.0, 100.0).
- Snowfall:** A table with columns for months (July, Aug, Sept, Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, June, July) and rows for different snowfall measurements (e.g., 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, 21.0, 22.0, 23.0, 24.0, 25.0, 26.0, 27.0, 28.0, 29.0, 30.0, 31.0, 32.0, 33.0, 34.0, 35.0, 36.0, 37.0, 38.0, 39.0, 40.0, 41.0, 42.0, 43.0, 44.0, 45.0, 46.0, 47.0, 48.0, 49.0, 50.0, 51.0, 52.0, 53.0, 54.0, 55.0, 56.0, 57.0, 58.0, 59.0, 60.0, 61.0, 62.0, 63.0, 64.0, 65.0, 66.0, 67.0, 68.0, 69.0, 70.0, 71.0, 72.0, 73.0, 74.0, 75.0, 76.0, 77.0, 78.0, 79.0, 80.0, 81.0, 82.0, 83.0, 84.0, 85.0, 86.0, 87.0, 88.0, 89.0, 90.0, 91.0, 92.0, 93.0, 94.0, 95.0, 96.0, 97.0, 98.0, 99.0, 100.0).
- Cooling Degree Days:** A table with columns for months (Jan, Feb, Mar, Apr, May, June, July) and rows for different cooling degree day measurements (e.g., 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, 21.0, 22.0, 23.0, 24.0, 25.0, 26.0, 27.0, 28.0, 29.0, 30.0, 31.0, 32.0, 33.0, 34.0, 35.0, 36.0, 37.0, 38.0, 39.0, 40.0, 41.0, 42.0, 43.0, 44.0, 45.0, 46.0, 47.0, 48.0, 49.0, 50.0, 51.0, 52.0, 53.0, 54.0, 55.0, 56.0, 57.0, 58.0, 59.0, 60.0, 61.0, 62.0, 63.0, 64.0, 65.0, 66.0, 67.0, 68.0, 69.0, 70.0, 71.0, 72.0, 73.0, 74.0, 75.0, 76.0, 77.0, 78.0, 79.0, 80.0, 81.0, 82.0, 83.0, 84.0, 85.0, 86.0, 87.0, 88.0, 89.0, 90.0, 91.0, 92.0, 93.0, 94.0, 95.0, 96.0, 97.0, 98.0, 99.0, 100.0).
- Heating Degree Days:** A table with columns for months (Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, June, July) and rows for different heating degree day measurements (e.g., 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, 21.0, 22.0, 23.0, 24.0, 25.0, 26.0, 27.0, 28.0, 29.0, 30.0, 31.0, 32.0, 33.0, 34.0, 35.0, 36.0, 37.0, 38.0, 39.0, 40.0, 41.0, 42.0, 43.0, 44.0, 45.0, 46.0, 47.0, 48.0, 49.0, 50.0, 51.0, 52.0, 53.0, 54.0, 55.0, 56.0, 57.0, 58.0, 59.0, 60.0, 61.0, 62.0, 63.0, 64.0, 65.0, 66.0, 67.0, 68.0, 69.0, 70.0, 71.0, 72.0, 73.0, 74.0, 75.0, 76.0, 77.0, 78.0, 79.0, 80.0, 81.0, 82.0, 83.0, 84.0, 85.0, 86.0, 87.0, 88.0, 89.0, 90.0, 91.0, 92.0, 93.0, 94.0, 95.0, 96.0, 97.0, 98.0, 99.0, 100.0).
- STATION LOCATION:** A section containing fields for Latitude, Longitude, Elevation above Ground, and a list of instruments (e.g., thermometer, barometer, rain gauge, anemometer, wind vane, etc.).

(Stations for which Local Climatological Data are issued, as of January 1, 1982)

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LOUISIANA

MAY 1982

VOLUME 87 NUMBER 5



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ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
MAY 1982

LOUISIANA
HIGHEST TEMPERATURE 98
LOWEST TEMPERATURE 40
GREATEST TOTAL PRECIPITATION 11.42
LEAST TOTAL PRECIPITATION .65
GREATEST 1 DAY PRECIPITATION 4.20

MAY 31
MAY 8
MAY 14

FRANKLINTON 3 SW
ASHLAND
VERMILION LOCK
JONESBORO FIRE TOWER
VERMILION LOCK

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
MAY 1982

TEMPERATURE (°F)										PRECIPITATION (IN)													
STATION	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
												90 OR ABOVE	32 OR BELOW	32 OR BELOW									
LOUISIANA																							
NORTHWEST																							
01	84.2	62.7	73.5	73.5		9231+	44	8	8	10	280	4	0	0	2.09	1.04	7	0	0	6.5	1	1	
	84.8	62.5	73.7	73.7		9429	42	8	8	4	283	4	0	0	3.20	1.81	13	0	0	4	1	0	
	85.2	62.5	73.9	73.9	1.4	9331+	44	8	8	8	291	4	0	0	1.56	1.60	7	0	0	4	1	0	
	83.0	60.6	71.8	71.8	0	9130	44	8	8	14	233	2	0	0	2.96	1.80	7	0	0	6	3	0	
	84.9	62.7	73.8	73.8	0	9331+	47	8	8	6	286	3	0	0	2.06	1.74	14	0	0	4	2	0	
R	84.6	64.1	74.4	74.4	1.0	9329	47	8	8	4	300	4	0	0	2.32	1.05	13	0	0	3	2	1	
-- DIVISIONAL DATA -----																							
NORTH CENTRAL																							
02	87.0	62.6	74.8	74.8		9431	44	8	8	4	313	9	0	0	1.26	3.41	3	0	0	6	0	0	
	84.8	61.8	72.3	72.3	.4	9331+	44	8	8	10	277	5	0	0	1.69	2.51	4	0	0	3	0	0	
	84.0	60.9	72.5	72.5	2.8	9332	50	8	8	3	355	2	0	0	3.02	1.84	7	0	0	4	2	1	
	87.2	65.0	76.1	76.1	0	9431	48	8	8	6	301	7	0	0	4.14	1.57	26	0	0	5	3	2	
	85.4	63.3	74.4	74.4	0	9431	48	8	8	6	294	7	0	0	.99	1.61	24	0	0	4	1	0	
	85.5	62.7	74.1	74.1	1.9	9431+	45	8	8	4	284	7	0	0	1.20	5.32	0	0	0	3	1	0	
	85.9	61.5	73.7	73.7	1.3	9429	44	8	8						1.97	5.71	4	0	0	6	1	1	
-- DIVISIONAL DATA -----																							
NORTHEAST																							
03	88.1	63.9	76.0	76.0	2.4	9530	49	8	8	0	348	11	0	0	1.88	6.52	7	0	0	6	1	0	
	86.0	63.7	74.9	74.9		9431	46	8	8	7	321	8	0	0	2.32	1.96	24	0	0	4	2	1	
	84.6	64.8	74.7	74.7	1.0	9431+	49	8	8	9	313	5	0	0	1.43	1.15	23	0	0	6	1	0	
	85.6	64.4	75.1	75.1	1.9	9530	48	10	8	6	332	6	0	0	2.25	1.61	24	0	0	4	1	0	
	85.8	61.5	73.7	73.7	1.3	9431+	44	8	8	10	288	8	0	0	2.51	1.90	24	0	0	6	1	0	
	86.0	63.5	74.8	74.8	1.4	9431	46	8	8	9	319	6	0	0	2.51	1.44	25	0	0	6	1	1	
-- DIVISIONAL DATA -----																							
WEST CENTRAL																							
04	84.0	60.2	72.1	72.1		9430	40	8	8	12	240	4	0	0	1.04	4.81	4	0	0	4	0	0	
	83.7	61.2	73.5	73.5		9130+	44	9	8	9	248	5	0	0	1.90	1.90	14	0	0	3	2	1	
	85.2	61.7	73.5	73.5	.3	9430	45	7	8	5	275	5	0	0	4.01	1.42	14	0	0	5	4	2	
	85.9	60.6	73.3	73.3	.5	9330+	49	8	8	4	308	7	0	0	1.15	1.25	14	0	0	2	1	0	
	85.8	63.3	74.6	74.6	.5	9530	49	8	8	5	308	7	0	0	3.96	1.92	14	0	0	4	2	2	
	84.2	61.6	72.9	72.9	-1	9330	45	8	8	5	259	5	0	0	2.41	2.00	20	0	0	4	2	2	
-- DIVISIONAL DATA -----																							
CENTRAL																							
05	85.0	63.8	74.4	74.4		9331+	48	8	8	5	305	5	0	0	1.93	5.91	8	0	0	4	3	0	
	86.6	61.9	74.3	74.3		9530+	48	8	8	5	301	5	0	0	1.73	3.31	13	0	0	3	2	1	
	85.6	65.3	75.5	75.5		9530+	51	9	8	3	329	6	0	0	1.10	1.87	13	0	0	5	4	2	
	86.6	64.4	75.3	75.3	1.3	9431+	50	10	8	0	335	6	0	0	1.83	1.33	14	0	0	6	1	0	
	86.0	64.5	75.3	75.3		9430	51	8	8	0	323	6	0	0	3.52	1.37	6	0	0	5	4	1	
	85.6	64.6	75.1	75.1		9431	51	8	8	3	289	7	0	0	1.43	9.5	2	0	0	3	1	0	
	84.7	63.1	73.9	73.9		9331	48	8	8	3	289	7	0	0	3.95	1.43	14	0	0	5	4	2	
	88.0	68.1	78.1	78.1	.6	9331+	49	8	8	0	414	11	0	0	1.76	2.00	14	0	0	6	1	0	
	85.7	64.2	75.0	75.0		9331+	49	8	8	0	316	5	0	0	3.45	1.55	26	0	0	5	4	2	
	85.1	64.4	74.8	74.8		9428	53	8	8	1	309	6	0	0	2.76	1.94	8	0	0	6	1	0	
	84.9	63.1	74.0	74.0		9231+	48	8	8	6	293	4	0	0	2.10	1.52	6	0	0	5	4	2	
	85.7	60.3	73.0	73.0		9530	47	8	8	5	270	5	0	0	1.53	6.42	6	0	0	6	1	0	
	85.4	61.1	73.3	73.3		9530	47	8	8	5	270	5	0	0	1.87	6.41	8	0	0	4	2	2	
SEE REFERENCE NOTES FOLLOWING STATION INDEX																							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
MAY 1982

STATION		TEMPERATURE (°F)										PRECIPITATION (IN)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DATE	GREATEST DAY	DEPARTURE FROM NORMAL	MAX. DEPTH ON GROUND	SNOW	SLEET	NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
MAY 1982

SEE REFERENCE NOTES FOLLOWING STATION INDEX 5

DAILY PRECIPITATION (CONT)

LOUISIANA
MAY 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LOUISIANA											
NORTHWEST 01											
BETHANY FIRE TOWER			.07	.16					.47	.37	.35
BODCAU FIRE TOWER									.95	.17	.13
COTTON VALLEY									.10	.33	.15
COUSHATTA 5			.08						.03	.04	
GRAND CANE FIRE TOWER			.05						.17	.12	.14
GREENWOOD FIRE TOWER								.09	.53	.26	.26
HANNA 3									T	.08	.08
HOSSTON				.09					.50	.11	
KEITHVILLE			.02						.08	.02	.32
KORANSPORT 4 ENE			.15						.07	.55	.61
LOGANSFIELD 3 WSW			.09						.20	.12	
MANSFIELD FIRE TOWER				.24					.04	.05	
MARTIN				.31					.70	T	.53
MINDEN				.04					.66	.14	.07
MOORINGSPOINT 1 N									.51	.01	
PLAIN RIV VALLEY EXP STN									.34	.14	
REDSONA				.05					.11	.79	.13
RODESSA			.02						.63	.28	.06
SHREVEPORT DOWNTOWN		.01	T						.04	.05	
SHREVEPORT WSO AP				.02					.02	.94	1.00
SPRINGHILL								1.40	.02		T
NORTH CENTRAL 02											
ANTILOC FIRE TOWER			.20	1.15				.54	.18	1.42	.80
BIENVILLE 3 STATION			T	.16	.05				.32	.04	.21
CALHOUN EXPOCKS									T	T	.28
COLUMBIA LOCKS				.37					.03	.02	.01
HOMER EXP STATION				.22					.12		
JONESBORO FIRE TOWER				.20					.94	.16	.34
MARION			.07	.01				.65	.61	T	.89
MONROE FAA AP	.01			.15	.53				1	.27	.90
MONROE NLU									.06	T	.10
RUSTON LA TECH UNIV									.28	.10	
SALLESVILLE FIRE TOWER				.07					.33	.24	.50
SPEARLVILLE FIRE TOWER			1.02	.02					.06	.35	.88
STERLINGTON				.45					.27	.95	1.38
WINNFIELD 2 W			T	.06					.02	.57	T
WINNAP				.12					.55	.02	.02
NORTHEAST 03											
NASTROP			.02	.01				.18	.20	.25	.65
BAPPS 6 WNW			.04	.51	.30			1.15	.96	.07	.41
LAKE GROVE 12 WSW				.30	.33				.02	.06	.41
OAK GROVE 2 WSW	.10			.07	.36				.61	.07	.13
SAINT JOSEPH EXP STN	.15			.03	.03				.17	.27	T
STEVENSON FIRE TOWER				T					.90	.95	1.58
TALLULAH			.03						.11	.41	.16
WINNSBORO				.12					.11	1.44	
WEST CENTRAL 04									.19	T	
ASHLAND			.11	.21				T		.43	
CONVERSE			.09	.05	.02						
GORUM FIRE TOWER				.18							
GRANDES CORE			.14	.14	.02						
HODGES GARDENS			1.02	.02	.18						T
LEESVILLE			.22	.05					.59	.02	
MANY				T					.02	.11	
WATCHITOCHE			.05	.05	2.00	.05					
ROSEPINE EXP STATION											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
MAY 1982

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
05																
CENTRAL	1.93															
ALEXANDRIA FIRE TOWER	5.37	.33	.16	T			.12	.09	.12				T	.09	2.60	
BEAVER FIRE TOWER	1.10	T	.12					.03							.31	
BOYCE	1.10							.03							.87	
BUNNICK	3.52	.35						.47							2.53	
GRANDES COTEAU	1.43		.61					.73							1.33	
LEON DEAN LEE EXP STN	3.95		.30	.10				.05	.09						2.61	
MARKSVILLE	1.43		.12					.22	.06						2.00	
MELVILLE	3.45		.43					.25	.11						2.38	
NEW RIVERS	2.10							.04	.27						1.27	
OLD RIVER SW	1.53		.08					.51	.34						1.11	
OLLEAUSAS	2.41		.39					.37	T						.33	
OPORT ALLEN	1.89				.33			.21	.05						.05	
SIMMESPORT	1.10	.14						.30							.54	
SIDALIA 2	1.10		.05													
WOODWORTH 2 SE	1.87															
06																
EAST CENTRAL	.85	.05	.12	.10				.09	.10						.06	
SPRINGS F TWR	.80		.11	.16				.35	.22						.45	
ABITTE	1.15	.01						.03							.15	
BAKERT	2.16	.02						.37						.11	.42	
BATON CENTRAL	4.05			.33					.18						1.19	
WOO AP	1.17							.06	.29						.40	
BATON ROUGE WOODLAWN	3.64		.01	.12				.13	.66						.38	
BOGALTON	3.03		.05	.05				.13	.28						.20	
CLINTON	5.16		.19												.10	
CLEVELINGTON 5 SE	1.80							.54	.40						.32	
CONVINGTON 4 NNW	1.80							.27							.13	
DENHAM SPRING 2	1.99	.16	.24				.16	.07	.36						.22	
FRANKLIN 3 SW	1.04							.01	.02						.15	
GREENWELL SPRINGS	1.85	.08			.03			.01	.06						.33	
HAMMOND 5 E	1.77		.16	.01				.05	.90						.26	
HAMMOND 3 NW	3.84		1.03	.53				.03	.13						.30	
KENTWOOD	5.83		1.61	.05	.03			.78	.13						.62	
LIVERPOOL 3 ENE	4.30	.02		.05	.01			.07	.36						.17	
LIVINGSTON 3 ENE	1.85														.35	
LSU BEN-HUR EXP STN	3.06		T	.65				.52	.26						.30	
OAKNOLIA	4.03		.08	.90				T	.72						.06	
PEARL RIVER LOCK 1	3.75							.12							.03	
PORT GROVE FIRE TOWER	3.68		.02	.04				.30							.03	
PORT VINCENT	1.87	.03	.08	.48				.11							.05	
SAINT FRANCISVILLE	2.46	T	.39					.06							.25	
SHERIDAN FIRE TOWER	1.06		.23	.04				.12	.45						.33	
SLIDELL WFO	2.11	.07			.14											
SPRINGVILLE FIRE TOWER	3.31				.54											
WATSON 3 ESE	3.86															
ZACHARY 2 ESE																
07																
SOUTHWEST	7.66		T	.06	.35			2.15							2.92	
ABBEVILLE EXP STATION	5.36	1.80						1.57							2.77	
CROWLEY 4 N	4.08	.18		.33	T			.09	.04					.02	2.61	
DE QUINCY	3.88							.57							1.74	
ELIZABERRY 8 SSW	3.89	.15	.17					.65					.03	.21	2.34	
HACKBERRY	4.07			T				.53							2.65	
JENNINGS	4.85	.24	.01					.53	T						3.50	
KINDER 3 W	7.87	1.30	T	.08									.11	.10	3.45	
LAKE CHARLES WSO AP	5.61	T												2.97		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
MAY 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
05											
CENTRAL											
ALEXANDRIA FIRE TOWER			.59	.14	.03					.50	.07
BEAVER FIRE TOWER	T		1.22						.08	.09	.05
BOYCE			.08	.10						.06	
BUNYCE			.18	.12				.32		.38	
EUNICE			.29	.03					.53	.07	
JONESVILLE LOCKS STN		.09	T		T			.20	.04		
LSU DEAN LEE EXP STN			1.50	.61	.21				.63		
MARKSVILLE			.25	.33					.47		
MELVILLE 5 ESE			.25	.59					.47		
OLD RIVER LOCK										.01	
OLLA 3 SSW				.17	.46				.05	.23	
PELOUSAS			1.00	.50					.05	.07	
PORT ALLEN			.26						.70	.02	
SIMMESPORT											.03
VIDALIA 2			.64		.26						
WOODWORTH 2 SE											
06											
EAST CENTRAL											
ABITA			.12	.10		.07			.22		
BAKER			.38	T					.12	.13	
BATON ROUGE CENTRAL			.14						T	.37	
BATON ROUGE WSO AP		.92	.12			1.47			T	.26	
BATON ROUGE WOODLAWN										.62	
BOGALUSA										.03	
CLINTON 5 SE				.02	1.00				.02	.64	
COVINGTON 4 NNW			.14						.16	.51	
DENHAM SPRINGS									.05	.65	
FRANKLINTON 2			.12	.02					.27	T	
FRANKLINTON 3 SW						.66			.10	.13	
GREENWELL SPRINGS			.02						.08	.38	
HAMMOND 5 E											.20
HAMMOND 3 NW				.10					.01	.33	
KENTWOOD 3 ENE			T							.16	
LIVINGSTON 3 ENE			.13	.51					.40	.23	
LSU BEN-HUR EXP STN			.03	.03					.01	.40	
OAKNOLIA						.02			.04	.06	
PEARL RIVER LOCK 1			.35	.33			.01		.28	1.04	
PORT VINCENT FIRE TOWER									.26	.01	
SAINTE FRANCISVILLE			.54	.54					.28	.08	
SHERIDAN FIRE TOWER			.02	.02	.27				.06	.15	
SLIDELL WSO FIRE TOWER			.38	.11	.49				T	.90	
SPRINGVILLE 3 ENE			.63	.12					.06	.13	
WATSON 3 ENE									.06	.01	
ZACHARY 2 ESE									.24	.55	
07											
SOUTHWEST											
ABBEVILLE EXP STATION	T	.08	1.25	.95	T					.41	.04
ACROULEY 4 N			.29	.01	.02			.15			T
DEQUINCY 8 SSW			.31	.10	.15					.89	
ELIZABETH 8 SSW					.01						
HACKBERRY				.06	.05					.65	
JENNINGS 3 W			T	.22	.41					.20	
KINKEAD 2 N AP	.12	.03	T	.01					.54	.61	
LAKE CHARLES WSO AP										T	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
MAY 1982

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LONGVILLE	3.81	T .09						1.45	.02					.08	.06	
MENTAUX SE	4.93	.04						1.05							2.52	
MITTIE 2	4.74	.11	.30			T .04	1.04	1.34	.21					.03	2.05	
OAKDALE	3.35	.02	.57	.16		T	.12	2.19						.04	2.80	
ROCKEFELLER WL REFUGE	5.29							4.00						T .29	3.10	
SULPHUR	6.59			.31				1.51							2.30	
VERMILION LOCK	11.42	T						1.51							4.20	
SOUTH CENTRAL LOCK 08																
BAYOU CORNELLE	2.84	.72	.02					1.16	.65						1.88	
BUTTE LA ROSE	3.37	.05	.01					1.05							1.40	
CARVILLE 2 SW	1.77							1.04						T	1.67	
FRANKLIN 3 NW	3.90							1.90							1.93	
JEANERETTE EXP STN	5.04					T		1.59	1.11					1.21	.28	.02
LAFAYETTE FAA AP	3.46	T		.05				1.20							.45	
MORGAN CITY	3.68		T					1.20	.02						2.25	.02
NEW IBERIA 5 NW	5.32	.01	T		.10			T							.68	
PLAQUEMINE 2 N	1.27															
SOUTHEAST WSCMO CI 09																
BOOTHVILLE	5.85	-				-		.26							3.08	
DELTA-BRETON WL REF	1.14						T		.21	T					.09	
DONALDSONVILLE	1.38		.70	.75					.21							
GOLDEN MEADOW	3.48	.17	.21		.03				1.66							
GONZALES	5.72								.83					T	.01	.01
HOUMA	3.19	T .06	.05					.68								
LOUISIANA NATURE CTR	1.33							.99	.10							
NEW ORLEANS WSCMO AP	3.53							.65	.07							
NEW ORLEANS SPOC CIRS	5.99							.94								
NEW ORLEANS ALP S 14	2.72							.75	.05							
NEW ORLEANS WATER PLT	4.40							.91	.25							
NEW ORLEANS CITY HALL	3.07							.53	.01							
NEW ORLEANS D P S 3	2.75							.40							.04	
NEW ORLEANS D P S 6	2.16	.53						1.40							.78	.19
NEW ORLEANS D P S 7	2.63															
PARADISE 7	2.74							.12	.20						.11	
RESERVE	2.22							1.60								
SAINT BERNARD	4.70							1.56								
THIBODAUX 4 ESE	2.04															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
MAY 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LONGVILLE			.05	.07	T .07	T		.33		.05	.15
MENTAUS SE			.05					.21		1.70	.44
OAKDALE			.18							.05	.95
ROCKEFELLER FIRE TOWER			.25								
SUPHUR			T								
VERMILION LOCK			T	3.65		.02					1.73
SOUTH CENTRAL LOCK											
BAYOU SORRELL			.47	.40	.51		.02		.42	.03	T
BUTTE LA ROSE			.55	.22						.02	.10
CARVILLE 2 NW		.04	1.10							T	
FRANKLIN 3 NW		.01	1.77	.32				.01	T		.04
JEANERETTE EXP STN		.08	1.30							.35	.05
LAFAYETTE FAA AP		.62	.01	1.35				.02	.01	.01	
MORGAN CITY			1.00	.15					T		
NEW IBERIA 5 NW			.11	.10	.20						
PLAQUEMINE 2 N											
SOUTHEAST WSCMO CI	.31										
BOOTHVILLE			.21	T						.01	.16
DELTA-BRETON WL REF					T	.63			.56		
DONALDSONVILLE			.14							.77	1.21
GOLDEN MEADOW			.05		.55	.23		.03	3.33	.13	.53
GONZALES			T			T		.01	.05	.15	1.19
HOUMA			.22		.73	.25	.22	.01	.01	.53	.07
LOUISIANA NATURE CIR					.06			2.02	.73	.01	.01
NEW ORLEANS WSCMO CAP					.07				.35	.01	.06
NEW ORLEANS SF0 CI					.15			.90	.30	.01	.01
NEW ORLEANS ALGERS			.03	.02	.25			.06	.01	.23	.01
NEW ORLEANS D P S 14				.01	.07			.74	.01	.01	.25
NEW ORLEANS WATER PLT				.20	.01			.08	.01	.01	.01
NEW ORLEANS CITY HALL				.01	.01		.37	.08	.01	.01	.01
NEW ORLEANS D P S 3			1.42	.20	.01				.12	.01	.01
NEW ORLEANS D P S 6				.05	.50				.36	1.48	.02
PARADISE 7									.02	.01	.02
PLAQUEMINES EXP STN				.15			.07	.15	.02	.01	1.75
RESERVE BERNARD			.19	.02						.25	2.30
SAINT BERNARD											
THIBODAUX 4 ESE											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
MAY 1982

STATION		DAY OF MONTH																																AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LOUISIANA 01 NORTHWEST COTTON VALLEY	MAX	78	78	82	85	86	83	75	72	80	82	85	86	79	78	85	87	87	84	86	81	87	87	89	85	84	87	87	90	90	92	92	84.2	
	MIN	59	58	56	58	61	63	53	44	46	50	58	58	67	65	65	66	67	63	63	68	68	67	66	66	68	68	68	73	75	74	68	62.7	
	MAX	79	81	84	85	82	78	76	80	82	83	83	84	75	83	86	86	85	85	87	87	88	87	88	87	85	86	88	93	94	91	92	84.8	
	MIN	59	62	56	60	60	59	53	42	47	52	59	70	64	62	69	63	63	59	66	68	68	61	65	67	64	65	70	74	72	72	68	62.5	
	MAX	78	79	82	86	87	85	83	71	79	82	86	86	81	85	88	88	88	84	87	86	87	89	87	89	85	85	87	90	91	93	93	85.2	
	MIN	57	59	57	59	60	53	44	48	52	56	60	66	64	65	66	64	63	64	68	66	65	66	68	67	68	71	73	74	70	62.5			
	MAX	78	77	83	85	83	74	71	78	80	83	85	87	75	83	85	87	88	82	85	84	85	86	87	88	81	87	89	87	89	91	90	83.0	
	MIN	57	58	57	57	58	60	50	44	44	51	51	57	65	63	64	62	62	61	62	65	65	66	63	64	66	62	64	71	74	69	67	60.6	
	MAX	80	80	82	86	86	86	77	73	79	82	85	86	81	75	84	87	86	85	87	87	88	87	88	89	85	88	88	89	91	93	93	84.9	
	MIN	58	59	52	60	62	62	54	47	49	54	55	61	64	63	64	65	63	64	68	66	66	68	67	68	66	66	73	74	73	70	62.7		
	MAX	78	81	85	85	82	77	73	73	82	84	84	81	73	85	86	86	82	86	85	86	86	88	88	88	88	88	89	92	93	92	90	84.6	
	MIN	61	62	60	61	62	61	52	47	50	53	58	69	65	65	66	65	63	63	66	64	66	67	67	68	68	65	74	74	74	72	64.1		
NORTH CENTRAL 02 BIENVILLE 3 NE	MAX	77	82	86	89	87	80	72	82	84	89	87	85	84	88	90	88	87	88	88	89	90	90	89	89	90	85	90	93	92	92	94	87.0	
	MIN	58	61	56	56	61	63	53	44	46	49	59	65	65	64	64	67	63	61	64	67	65	65	67	67	68	67	71	73	72	72	67	62.6	
	MAX	78	75	82	83	86	85	79	70	79	81	84	85	83	81	86	87	86	87	86	87	86	89	90	87	88	88	85	91	91	93	93	84.8	
	MIN	56	59	56	56	59	53	44	46	48	54	61	65	66	64	63	64	67	63	59	63	66	67	64	67	66	67	71	72	71	72	63	61.8	
	MAX	77	77	80	84	87	84	77	71	78	80	84	85	83	80	85	88	82	84	87	85	86	86	89	87	89	81	87	88	90	92	92	84.0	
	MIN	56	57	56	56	57	60	53	44	48	49	53	59	63	62	63	63	62	61	65	66	66	66	66	66	65	66	71	72	72	67	60.9		
	MAX	75	85	90	91	84	73	81	84	88	88	86	86	87	86	91	90	88	88	87	90	90	93	90	85	86	85	89	91	91	92	92	87.2	
	MIN	62	64	63	64	64	64	50	50	51	55	58	63	67	67	65	65	62	68	67	68	68	69	69	71	71	74	73	73	73	73	65.0		
	MAX	75	73	82	83	86	86	80	70	80	83	85	85	85	86	85	90	88	87	85	87	88	90	92	88	88	87	85	90	91	93	94	85.4	
	MIN	58	58	58	56	61	60	60	48	50	52	56	59	65	66	63	64	61	66	66	67	68	68	68	66	66	68	69	73	74	73	72	63.3	
	MAX	79	77	83	84	85	85	79	75	80	81	85	83	81	82	85	89	86	84	88	87	88	90	88	90	87	90	88	92	92	94	94	85.5	
	MIN	57	62	58	58	60	60	56	45	48	52	57	66	65	64	65	64	61	64	67	65	64	68	67	67	67	70	74	70	72	68	62.7		
MAX	76	81	85	86	86	81	77	80	81	85	85	81	83	85	88	87	84	86	87	88	88	89	90	86	87	90	91	92	94	93	91	85.9		
MIN	57	59	56	57	57	58	56	44	46	49	56	63	64	64	62	62	60	63	66	65	63	64	68	66	66	67	70	71	72	68	67	61.5		
NORTHEAST 03 BASTROP	MAX	76	83	85	88	87	84	80	81	85	87	88	87	87	86	91	90	89	88	89	90	92	93	89	89	87	93	93	94	95	94	88.1		
	MIN	57	60	58	60	63	63	58	49	50	55	59	62	67	61	65	61	62	67	67	69	68	69	71	67	68	73	74	74	74	70	63.9		
	MAX	76	74	81	84	88	87	87	69	80	84	86	87	85	88	85	91	90	89	82	86	88	91	93	88	87	88	85	91	91	92	94	86.0	
	MIN	59	58	56	60	62	61	61	46	49	56	59	60	65	67	66	64	61	69	63	64	66	68	67	69	68	69	73	74	72	75	63.7		
	MAX	77	72	77	83	86	86	82	67	79	83	84	85	83	85	83	87	87	80	84	87	91	88	87	88	83	88	88	93	92	94	94	84.6	
	MIN	58	61	59	60	62	65	66	49	53	57	60	60	65	69	68	66	63	68	65	66	67	69	65	67	69	67	73	74	74	75	64.8		
	MAX	79	79	81	84	86	85	83	68	77	81	85	85	84	87	82	87	87	85	88	88	90	91	86	89	87	93	93	95	94	85.6			
	MIN	62	60	58	61	62	63	66	48	48	48	60	62	68	68	67	66	61	68	66	66	66	68	72	73	70	70	73	74	73	64.8			
	MAX	78	77	81	84	87	86	83	69	78	82	85	85	84	86	83	88	83	88	85	86	88	90	91	90	90	89	91	92	94	94	85.8		
	MIN	57	57	56	57	58	59	64	44	48	53	55	57	64	65	65	61	56	63	64	63	63	65	65	62	67	66	70	70	69	72	61.5		
	MAX	77	75	82	84	87	87	83	68	79	83	87	87	84	86	84	88	88	89	89	89	89	89	92	91	89	89	86	90	92	93	94	86.0	
	MIN	58	59	58	60	60	61	65	46	48	53	57	60	64	66	66	63	59	63	67	66	68	68	68	65	68	70	72	73	74	70	73	63.5	
WEST CENTRAL 04 ASHLAND	MAX	79	75	79	84	85	85	78	78	72	80	83	82	80	79	83	82	83	85	87	86	86	87	89	89	85	88	89	90	91	94	92	84.0	
	MIN	57	59	58	55	56	58	55	40	45	50	49	55	63	63	62	61	63	60	60	65	63	65	65	65	66	70	71	69	64	60	60.2		
	MAX	81	78	80	83	85	83	78	70	80	81	84	85	80	74	82	86	86	82	85	88	82	85	88	87	85	87	90	91	91	90	83.7		
	MIN	59	60	55	57	59	55	48	44	50	53	57	67	62	64	61	62	59	60	68	64	62	65	66	65	64	71	75	70	71	65	61.2		
	MAX	83	77	83	85	86	78	74	81	81	82	85	86	77	80	84	86	85	85	85	86	88	88	89	88	89	90	92	93	94	93	85.2		
	MIN	60	59	57	58	57	56	45	48	51	53	56	67	68	64	60	63	63	63	62	64	68	65	63	67	66	70	70	68	65	61	61		
	MAX	83	80	8																														

DAILY TEMPERATURES (°F)

LOUISIANA
MAY 1982

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
05	NATCHITOCHES	MAX 82	76	83	81	88	86	81	72	80	82	86	86	80	81	85	87	86	85	85	88	89	88	91	91	88	91	88	91	93	94	95	94	85.5
	MIN 61	61	60	61	61	61	61	57	49	50	54	59	64	61	57	63	66	66	65	65	66	65	65	66	65	67	69	71	72	73	73	70	73	63.3
	ROSEPINE EXP STATION	MAX 83	78	85	85	83	83	77	74	81	82	83	83	76	80	82	85	84	83	86	85	85	86	88	87	83	88	90	91	91	93	91	84.2	
	MIN 61	57	58	58	55	60	56	45	48	52	59	65	62	63	61	64	64	63	65	66	64	62	63	67	65	68	67	70	70	67	64	61.5		
	CENTRAL	MAX 84	78	83	85	85	85	79	74	79	82	85	84	81	84	84	86	85	85	83	86	86	86	88	88	87	84	90	91	92	93	93	85.0	
	MIN 60	61	59	61	60	62	61	48	48	53	60	65	67	64	64	64	64	64	65	65	67	66	66	67	68	69	70	72	73	70	72	73	63.8	
	BELAH FIRE TOWER	MAX 82	76	81	85	86	86	86	71	79	83	86	85	83	85	85	88	87	86	86	88	88	89	93	91	90	92	90	94	93	95	95	86.6	
	MIN 59	60	58	59	59	60	58	48	50	53	56	63	68	64	62	63	63	62	63	67	63	64	67	65	64	66	68	69	66	68	61.9			
	BOYCE 3 WNW	MAX 79	86	85	84	85	78	73	80	84	84	84	80	82	83	85	87	85	81	85	88	82	90	87	90	89	92	90	92	95	95	94	85.6	
	MIN 65	60	62	63	63	70	57	52	51	58	61	70	65	64	71	65	67	66	65	66	66	66	66	68	67	67	72	73	74	73	73	72	65.3	
BUNKIE	MAX 84	81	83	86	87	87	81	72	80	83	86	87	82	87	84	89	88	87	83	87	89	89	89	90	89	89	92	92	94	94	94	94	86.6	
MIN 64	62	62	64	62	63	61	51	51	50	61	62	65	63	64	64	66	65	69	65	69	65	69	70	71	68	69	70	71	72	74	71	72	64.4	
GRAND COTEAU	MAX 78	83	86	86	85	85	79	79	82	84	84	82	86	84	86	86	85	82	85	86	87	88	89	87	88	90	91	92	93	94	93	86.5		
MIN 64	61	61	62	59	65	65	51	53	55	61	64	69	64	64	64	64	64	66	65	67	64	66	66	67	68	69	70	73	71	73	64.5			
JONESVILLE LOCKS	MAX 81	79	81	85	85	83	80	72	78	82	85	84	81	85	80	88	85	87	87	88	88	90	88	89	90	91	92	94	93	94	94	85.6		
MIN 61	60	61	62	63	63	65	51	52	54	58	62	65	67	64	64	65	66	66	66	67	66	67	67	70	67	67	70	73	74	72	73	64.6		
LSU DEAN LEE EXP STN	MAX 83	77	81	84	85	84	79	72	77	81	84	84	81	83	84	87	85	84	84	85	86	86	88	88	86	88	90	92	92	93	93	93	84.7	
MIN 62	63	59	62	60	62	60	48	50	52	60	64	64	56	64	63	63	67	64	66	63	64	66	66	66	68	68	69	70	73	69	70	73	83.0	
MAMOU 4 S	MAX 87	85	89	89	87	82	77	77	82	85	86	86	87	85	88	86	88	87	85	87	90	93	91	91	91	91	95	95	92	94	95	95	88.0	
MIN 68	64	66	68	66	67	66	54	53	62	61	68	70	65	68	68	68	67	68	70	68	71	71	72	72	72	73	74	76	74	74	74	68.1		
MELVILLE	MAX 83	81	82	85	86	85	84	82	78	82	84	84	81	86	84	87	85	87	82	86	88	88	89	88	87	86	90	90	92	93	93	85.7		
MIN 63	59	60	62	62	67	64	49	51	54	58	62	68	65	63	64	65	65	63	65	66	69	64	66	67	69	69	70	73	70	74	64.2			
NEW ROADS 5 ESE	MAX 80	80	81	83	85	85	82	75	78	81	83	83	82	85	85	85	84	86	79	87	87	88	88	87	87	90	91	94	92	93	92	85.1		
MIN 58	60	61	61	60	62	67	53	54	55	60	64	66	66	66	66	65	64	64	64	65	65	69	67	67	67	69	70	71	72	71	72	71	64.4	
OLD RIVER LOCK	MAX 80	80	81	85	85	85	84	71	79	81	84	85	81	84	84	87	85	87	80	85	87	87	88	88	87	88	89	90	91	92	92	84.9		
MIN 59	59	60	59	59	59	59	48	54	56	58	64	56	64	65	64	68	66	62	65	64	65	67	68	61	67	67	69	72	73	72	73	72	64.1	
OLLA 3 SSW	MAX 79	76	80	84	85	87	84	71	78	82	86	85	84	84	85	88	87	86	85	88	88	89	90	89	87	88	92	93	94	94	94	85.7		
MIN 56	55	55	57	56	57	60	44	45	49	52	59	62	64	61	61	58	62	63	62	63	61	62	65	65	65	67	70	70	67	67	67	60.3		
WOODWORTH 2 SE	MAX 84	76	79	84	88	85	82	74	79	83	85	87	85	75	80	87	84	85	87	83	83	89	89	89	90	87	88	89	93	92	95	93	85.4	
MIN 59	57	53	57	60	61	58	47	48	48	43	49	59	62	63	63	63	63	64	64	64	64	64	65	65	66	68	70	72	69	69	69	61.1		
06	EAST CENTRAL	MAX 82	80	81	82	88	88	85	80	80	85	86	86	85	85	83	87	87	88	84	90	90	90	90	91	89	90	91	94	93	95	94	87.1	
	MIN 61	60	60	59	59	65	67	50	51	54	57	61	65	65	66	66	61	65	61	67	65	66	64	66	68	68	70	72	71	71	71	71	63.5	
	BATON ROUGE WSO AP	MAX 79	82	84	85	86	83	78	79	82	84	84	83	85	83	86	84	87	81	88	89	89	89	89	88	88	92	92	95	93	94	86.3		
	MIN 64	62	61	62	61	68	59	53	54	54	61	62	68	67	67	65	64	68	66	68	68	70	69	70	71	72	73	74	77	75	79	86.2		
	BOGALUSA	MAX 83	77	82	85	87	87	84	81	77	82	85	86	85	85	85	88	86	87	88	86	90	90	91	89	86	87	91	93	94	92	91	86.5	
	MIN 64	50	59	59	59	62	64	51	50	54	57	58	60	67	69	64	59	59	63	59	63	59	62	66	65	68	69	70	71	73	69	68	62.5	
	CLINTON 5 SE	MAX 79	79	79	84	85	85	82	75	76	80	85	82	80	82	80	83	85	85	78	86	86	87	88	86	86	89	90	90	91	91	93	84.0	
	MIN 60	59	58	57	57	62	65	49	57	58	57	60	63	65	66	65	65	62	64	62	64	66	66	67	67	66	69	71	69	71	67	67	62.5	
	COVINGTON 4 NNW	MAX 79	81	84	87	86	83	82	78	82	83	84	83	83	81	85	82	84	83	89	87	89	89	89	88	86	89	90	91	93	91	93	86.1	
	MIN 60	60	57	56	57	61	67	50	48	52	55	57	63	64	63	62	58	61	61	61	61	62	66	62	66	68	70	66	70	66	70	61.9		
FRANKLINTON 3 SW	MAX 77	83	85	87	88	86	84	78	83	86	85	85	85	81	88	84	87	85	89	90	92	90	89	92	90	95	95	94	97	93	98	87.8		
MIN 60	61	58	58	58	61	58	50	50	52	55	57	63	66	64	63	58	64	62	66	64	65	64	65	64	68	68	67	68	72	68	72	62.2		
HAMMOND 5 E	MAX 81	80	81	83	86	87	84	81	79	82	82	83	83	82	82	85	85	86	85	88	88	88	88	88	88	89	91	92	92	91	92	91	85.5	
MIN 61	59	59	59	59	58	63	69	50	49	52	55	59	62	65	62	63	64	63	61	62	63	65	63	65	68	66	69	68	70	69	71	62.4		
HAMMOND 3 NW	MAX 83	80	82	85	87	88	84	81	78	83	85	85	84	84	80	84	85	86	83	86	83	88	87	89	90	89	90	93	93	94	93	86.2		
MIN 60	58	57	57	57	63	68	50	48	51	54	55	59	66	65	64	63	59	61	63	61	63	66	66	66	67	68	68	71	69	70	62	62.4		
LSU BEN-HUR EXP STN	MAX 83	80	83	85	86	86	85	77	76	82	84	84	83	83	85	82	85	84	85	79	84	87	88	89	88	88	90	92	92	93	93	85.4		
MIN 61	60	60	62	59	67	68	58	52	51	58	62	68	66	66	64	63	61	65	62	63	63	67	64	66	67	69	67	70	67	73	63	85.7		
SLIDELL WSO	MAX 80	83	84	87	89	89	83	81	82	85	84	84	84	81	87	86	87	88	88	89														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
MAY 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
07 SOUTHWEST CROWLEY EXP STATION DE QUINCY 4 N DE RIDDER ELIZABETH HACKBERRY 8 SSW JENNINGS LAKE CHARLES WSO AP OBERLIN FIRE TOWER ROCKEFELLER WL REFUGE VERMILION LOCK	MAX MIN	82 63	75 60	81 62	85 64	85 62	85 61	82 73	76 55	79 59	83 63	82 67	80 70	83 69	82 66	85 66	84 66	86 67	85 67	84 66	82 67	85 68	86 66	85 67	86 68	86 70	88 68	90 70	90 72	90 73	90 70	93 72	84.1 65.7
	MAX MIN	82 60	77 61	84 56	86 59	85 56	84 57	76 46	75 57	78 52	81 56	83 60	83 61	77 66	81 62	82 60	85 62	84 63	86 64	85 63	83 64	85 65	86 64	85 65	87 66	83 65	89 67	90 69	91 71	90 72	91 70	84.0 62.1	
	MAX MIN	82 62	75 58	84 60	85 57	84 54	83 56	78 45	73 48	81 53	82 58	85 66	86 68	76 63	83 62	82 60	86 63	83 63	86 64	85 63	84 63	85 65	85 64	86 65	83 63	88 65	90 67	91 69	92 72	91 72	92 69	84.2 62.6	
	MAX MIN	83 60	78 59	85 60	86 57	86 53	83 56	77 46	77 51	81 52	83 57	86 64	87 66	79 63	84 64	84 62	87 65	87 65	87 66	87 65	86 64	84 64	85 65	86 64	89 66	84 67	89 69	90 71	91 73	92 73	92 67	85.3 62.2	
	MAX MIN	79 61	76 62	81 65	84 67	81 72	81 70	77 60	75 59	79 65	78 68	83 72	84 76	76 68	83 72	82 68	86 71	81 68	81 71	82 73	84 73	83 72	84 73	83 70	84 73	85 72	86 74	87 78	88 71	88 70	89 70	81.5 69.7	
	MAX MIN	83 60	76 61	81 64	85 63	87 63	86 63	81 66	74 53	80 56	82 60	84 63	86 67	76 63	83 66	82 63	86 68	85 67	86 68	85 67	83 68	85 66	87 67	86 66	87 67	85 66	88 68	90 70	91 72	91 71	93 70	84.7 65.3	
	MAX MIN	78 63	83 59	84 61	85 63	85 63	84 63	77 53	77 53	79 56	81 60	83 63	84 66	81 64	83 65	82 63	86 68	83 68	84 68	83 68	82 68	83 69	85 68	86 67	84 68	86 69	87 70	88 72	89 73	89 73	90 68	82.9 65.4	
	MAX MIN	81 62	80 60	84 60	85 60	85 60	85 63	76 49	75 52	78 55	81 59	83 66	84 67	77 63	83 66	83 65	86 68	84 65	84 65	85 66	85 65	84 65	86 66	88 66	86 66	88 69	84 72	89 72	91 73	91 72	92 71	84.2 63.9	
	MAX MIN	84 62	81 64	85 64	85 65	84 66	84 66	80 56	78 56	82 62	82 64	84 66	86 69	80 72	82 68	83 68	86 70	81 68	81 70	82 71	83 70	85 69	86 70	87 71	86 70	89 72	87 73	90 74	91 75	90 73	91 72	83.9 65.5	
	MAX MIN	82 61	78 61	81 63	84 63	85 62	84 64	83 54	75 55	77 55	80 55	83 60	84 63	81 69	81 69	80 67	86 71	80 67	80 67	83 67	84 67	85 67	84 66	85 67	84 66	86 68	87 69	88 70	89 72	90 73	90 72	91 73	84.5 65.5
08 SOUTH CENTRAL CARVILLE 2 SW FRANKLIN 3 NW JEANERETTE EXP STN LAFAYETTE FAA AP MORGAN CITY NEW IBERIA 5 NW	MAX MIN	80 60	81 61	85 61	86 62	87 60	86 67	80 70	78 59	82 62	85 61	86 65	82 69	83 70	86 65	80 65	85 62	80 65	79 65	86 66	87 66	89 67	89 67	89 68	90 68	92 68	93 70	93 71	93 70	93 73	93 70	85.1 65.9	
	MAX MIN	80 63	85 65	79 63	82 62	82 60	85 62	84 70	84 55	86 58	86 64	85 68	85 70	82 65	86 66	85 65	88 66	85 66	86 67	85 66	86 66	87 66	87 66	86 66	88 67	86 66	90 68	91 70	91 70	90 73	90 72	86.2 66.2	
	MAX MIN	82 60	80 61	83 61	82 61	85 60	85 61	83 69	77 53	78 55	81 57	82 60	83 64	81 64	84 65	81 63	86 66	84 65	83 64	85 65	84 64	86 65	87 66	86 65	87 66	85 65	89 67	90 69	90 70	89 72	91 72	84.2 65.1	
	MAX MIN	76 64	82 60	82 61	81 60	80 61	85 62	83 66	72 58	80 53	82 61	83 65	82 64	84 64	81 63	85 66	83 64	84 65	83 63	84 64	85 65	86 66	87 67	86 66	87 67	85 66	88 68	90 70	91 71	90 73	92 73	83.9 64.8	
	MAX MIN	84 79	82 63	82 62	83 61	83 61	84 61	82 60	80 58	81 56	81 60	82 62	80 62	83 64	81 63	84 64	82 62	84 63	83 62	84 63	85 64	85 63	86 64	86 63	87 64	88 65	89 66	91 68	91 70	92 71	92 74	84.0 65.1	
	MAX MIN	85 65	82 62	84 62	85 62	86 63	85 68	85 68	75 54	77 55	80 58	82 61	84 62	80 62	84 64	82 62	85 65	80 62	85 64	80 63	85 64	84 63	84 64	88 65	89 66	87 65	90 68	90 70	91 71	91 72	93 74	84.5 65.8	
	09 SOUTHEAST BOOTHVILLE WSCMO CI DELTA-BRETON WL REF DONALDSONVILLE GOLDEN MEADOW HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP N O ADBON WSO CI PARADIS 7	MAX MIN	77 63	73 63	76 63	78 62	80 61	80 67	79 64	75 61	72 60	76 60	83 64	80 67	79 68	83 65	79 66	83 67	82 66	83 67	78 66	82 66	83 67	82 66	83 68	83 68	85 69	86 70	87 71	86 73	87 74	85 75	M
		MAX MIN	80 63	78 62	82 62	83 62	83 62	86 61	84 61	81 57	82 51	82 52	82 57	80 68	84 69	85 70	84 68	85 69	84 69	83 68	84 68	85 69	86 69	85 68	86 69	82 67	88 69	90 71	92 72	92 71	93 75	80.6 67.3	
		MAX MIN	81 68	84 65	85 65	86 65	85 64	84 65	81 56	83 51	84 48	86 54	86 60	85 68	86 69	84 70	86 71	84 69	85 70	84 69	83 68	84 68	85 69	86 68	85 67	88 69	88 70	90 72	91 73	91 72	92 75	86.4 65.4	
		MAX MIN	76 61	72 60	76 60	79 60	79 60	83 61	81 60	80 57	81 52	84 58	84 64	83 72	81 69	84 71	83 68	85 70	84 69	83 68	84 68	85 69	86 69	85 68	86 69	84 68	88 70	89 71	90 72	91 73	91 72	86.5 66.5	
MAX MIN		81 65	80 64	84 64	83 63	85 64	84 66	82 63	82 64	82 63	81 60	82 62	82 63	80 62	82 64	82 63	84 65	83 64	84 65	83 64	84 65	85 66	86 66	85 65	87 67	87 66	90 69	91 71	92 72	91 70	84.7 66.6		
MAX MIN		81 66	81 66	84 66	83 65	85 66	84 68	82 65	82 66	82 65	81 62	82 64	82 65	80 64	82 66	82 65	84 67	83 66	84 67	83 66	84 67	85 68	86 68	85 67	87 69	87 68	90 70	91 72	92 73	91 71	84.7 66.6		
MAX MIN		81 63	81 63	84 63	83 62	85 64	84 67	83 64	83 64	83 63	82 62	83 64	83 65	81 64	84 65	83 64	85 66	84 65	85 66	84 65	85 66	86 67	85 66	87 68	86 67	88 69	90 71	91 72	92 73	91 71	85.1 66.6		
MAX MIN		79 62	81 64	82 64	81 63	83 64	82 63	81 62	78 61	80 59	82 60	83 61	82 62	80 61	82 63	81 62	84 64	83 63	84 64	83 63	84 64	85 65	86 65	85 64	87 66	87 65	90 68	91 70	92 71	91 69	85.3 66.6		
MAX MIN		79 62	81 64	82 64	81 63	83 64	82 63	81 62	78 61	80 59	82 60	83 61	82 62	80 61	82 63	81 62	84 64	83 63	84 64	83 63	84 64	85 65	86 65	85 64	87 66	87 65	90 68	91 70	92 71	91 69	85.1 66.6		
MAX MIN		79 62	81 64	82 64	81 63	83 64	82 63	81 62	78 61	80 59	82 60	83 61	82 62	80 61	82 63	81 62	84 64	83 63	84 64	83 63	84 64	85 65	86 65	85 64	87 66	87 65	90 68	91 70	92 71	91 69	85.3 66.6		
MAX MIN	79 62	81 64	82 64	81 63	83 64	82 63	81 62	78 61	80 59	82 60	83 61	82 62	80 61	82 63	81 62	84 64	83 63	84 64	83 63	84 64	85 65	86 65	85 64	87 66	87 65	90 68	91 70	92 71	91 69	85.1 66.6			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
MAY 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PLAQUEMINES EXP STN	MAX	77	79	81	85	82	81	82	81	79	78	81	80	77	80	80	82	83	84	85	84	85	84	85	83	82	87	88	90	88	88	92	82
	MIN	62	63	60	61	62	68	69	59	56	58	62	65	67	67	69	66	68	69	68	67	68	69	67	69	71	71	73	75	75	74	76	66
RESERVE	MAX	80	81	82	84	81	86	82	80	82	82	84	84	84	85	84	83	87	86	87	88	87	88	87	87	87	87	88	92	93	93	89	85
	MIN	61	63	62	62	62	67	68	54	56	54	58	63	63	67	64	65	63	62	65	66	65	66	66	67	68	69	70	68	71	72	73	75
SAINT BERNARD	MAX	79	82	83	86	87	82	82	81	80	83	82	82	82	79	85	85	86	87	90	90	87	85	85	85	85	88	95	95	92	91	92	85
	MIN	61	64	61	61	62	67	68	56	55	57	61	64	70	67	69	65	66	66	67	68	70	68	68	70	68	70	67	72	77	76	74	78
THIBODAUX 4 ESE	MAX	82	82	82	83	84	82	82	80	80	80	81	84	82	81	85	85	82	87	86	87	86	87	87	87	84	89	92	91	90	90	92	84
	MIN	62	60	59	59	58	65	67	54	52	55	58	64	68	66	68	63	61	66	63	63	63	68	66	68	70	68	69	69	75	74	70	64

DAILY SOIL TEMPERATURES

LOUISIANA
MAY 1982

STATION	DEPTH	TIME	DAY OF MONTH																												AVERAGE			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		29	30	31
LOUISIANA NORTHWEST RED RIV VALLEY EXP STN	(IN)																																	
	4MAX 4MIN	77 65	78 66	81 67	84 67	84 68	84 69	77 67	80 63	82 62	85 63	87 66	87 67	81 71	75 69	82 69	86 70	87 71	87 73	90 73	90 75	91 76	91 74	92 75	90 71	86 75	90 75	88 75	90 76	92 79	94 79	96 80	85.9 70.9	
NORTH CENTRAL CALHOUN EXP STATION	(IN)																																	
	4MAX 4MIN	79 65	72 65	79 65	84 65	83 67	85 68	75 60	77 60	85 62	87 62	89 65	89 66	83 70	81 71	85 71	91 73	94 73	86 74	87 74	86 74	88 75	91 76	91 77	89 77	89 77	88 76	91 78	93 80	94 81	96 81	86.0 71.1		
MONROE NLU	(CM)																																	
	10MAX 10MIN	82 66	71 66	82 65	85 65	85 67	85 71	77 63	75 63	84 62	86 65	87 68	87 68	86 73	86 73	83 72	83 75	92 75	92 75	88 75	88 75	90 76	93 76	95 78	95 78	86 76	86 76	85 75	83 76	93 78	95 73	95 72	86.4 72.0	
NORTHEAST SAINT JOSEPH EXP STN	(IN)																																	
	4MAX 4MIN	80 67	82 68	82 68	87 68	87 72	88 74	85 74	75 62	82 62	82 66	87 69	87 72	83 74	86 75	80 74	88 73	91 75	86 76	86 76	89 77	90 78	92 79	92 79	92 79	87 76	87 76	86 77	88 80	94 82	95 84	97 84	87.6 73.7	
WINNSBORO	(IN)																																	
	4MAX 4MIN	77 68	73 68	82 68	82 68	84 70	82 71	77 63	73 61	79 63	82 65	84 65	84 65	80 70	80 72	78 73	84 72	86 72	87 72	86 72	87 75	87 76	91 77	92 78	92 78	89 76	85 75	88 76	84 77	90 78	92 80	94 79	84.1 72.3	
WEST CENTRAL ROSEPINE EXP STATION	(IN)																																	
	4MAX 4MIN	83 63	78 64	86 65	88 65	85 66	85 66	76 65	81 60	88 59	90 62	90 65	85 68	76 70	77 66	80 66	85 69	85 70	84 70	84 70	85 71	88 70	88 71	90 72	94 72	85 72	90 72	92 74	94 75	97 77	102 79	99 77	87.2 68.6	
CENTRAL LSU OGAN LEE EXP STN	(IN)																																	
	4MAX 4MIN	81 66	74 67	79 65	83 68	83 69	81 69	74 60	72 60	87 60	81 61	84 64	84 68	77 69	78 70	78 68	84 69	83 71	85 71	84 72	86 73	86 73	91 74	91 74	86 73	87 74	87 74	87 74	92 76	94 78	94 81	97 81	84.5 70.5	
EAST CENTRAL CLINTON 5 SE	(IN)																																	
	4MAX 4MIN	75 68	77 68	77 68	84 68	85 69	86 71	79 64	75 64	74 64	77 64	78 65	80 65	78 69	80 71	77 71	82 73	85 73	78 71	84 71	87 73	87 74	89 74	91 76	91 76	88 76	86 76	86 75	87 77	87 77	90 78	91 78	82.9 71.9	
HAMMONO 5 E	(IN)																																	
	4MAX 4MIN	86 67	81 64	81 63	81 63	89 67	89 71	87 63	85 67	88 67	90 65	90 67	91 67	87 68	87 71	82 69	92 70	92 72	86 69	91 72	93 73	94 73	94 73	92 75	92 76	92 76	92 76	91 73	91 73	97 80	98 80	89.8 70.6		
SOUTHWEST CROWLEY EXP STATION	(IN)																																	
	4MAX 4MIN	87 64	79 64	87 66	88 66	91 66	91 69	81 61	80 61	81 61	84 62	90 65	90 69	80 71	80 71	86 69	87 70	87 71	85 72	87 72	87 73	94 74	95 74	96 73	96 73	92 75	92 75	92 75	97 77	97 77	100 78	100 78	89.3 70.4	
SOUTHEAST HOUMA	(IN)																																	
	4MAX 4MIN	80 67	79 68	79 68	81 69	81 69	82 68	82 68	76 63	75 63	75 63	85 65	85 65	83 70	83 70	79 72	76 71	80 71	83 72	83 72	85 73	85 73	85 73	85 73	85 73	81 70	81 70	80 72	83 74	93 74	96 77	82.3 70.4		

STATION NAME	SOIL TYPE	SOIL COVER	SLOPE	UNIT
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%	F
CLINTON 5 SE	BUFF TERRACE	BARE	0.1% TO 5	F
CROWLEY EXP STATION	COASTAL PRAIRIE	BARE	0%	F
HAMMONO 5 E	FINE SANDY LOAM	BARE	0%	F
HOUMA	MOON SILT CLAY LOAM	BARE	0%	F
LSU OGAN LEE EXP STA	REO RIVER ALLUVIAL	BARE	0%	F
REO RIVER VALLEY EXP STA	REO RIVER ALLUVIAL	BARE	0%	F
ROSEPINE EXP STA	FINE SANDY LOAM	BARE	0%	F
SAINT JOSEPH EXP STA	SHARKEY CLAY	BARE	0%	F
WINNSBORO	BLUFF TERRACE	BARE	0%	F

EVAPORATION AND WIND

LOUISIANA
MAY 1982

STATION		DAY OF MONTH																															TOTAL OR AVG	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LOUISIANA NORTHWEST RED RIV VALLEY EXP STN 01	WIND																																	
	EVAP																																	
	MAX																																	
	MIN																																	
NORTH CENTRAL CALHOUN EXP STATION 02	WIND																																	
	EVAP																																	
	MAX																																	
	MIN																																	
NORTHEAST SAINT JOSEPH EXP STN 03	WIND																																	
	EVAP																																	
	MAX																																	
	MIN																																	
EAST CENTRAL LSU BEN-HUR EXP STN 06	WIND																																	
	EVAP																																	
	MAX																																	
	MIN																																	
SOUTHEAST HOUMA 09	WIND																																	
	EVAP																																	
	MAX																																	
	MIN																																	

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

[illegible]

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SEE REFERENCE NOTES FOLLOWING STATION INDEX
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STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME			PRECIP	
							TEMP	EVAP	SPECIAL		
OAK GROVE 2 WSW	686603	03	WEST CARROLL	32 54 1	90 26 9M	1130	8 7			JESSEE PETERSON	
OAK GROVE 2 WSW	686604	04	WEST CARROLL	32 54 1	90 26 9M	1130	8 7			JESSEE PETERSON	
OBERLIN FIRE TOWER	686605	05	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686606	06	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686607	07	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686608	08	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686609	09	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686610	10	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686611	11	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686612	12	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686613	13	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686614	14	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686615	15	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686616	16	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686617	17	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686618	18	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686619	19	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686620	20	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686621	21	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686622	22	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686623	23	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686624	24	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686625	25	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686626	26	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686627	27	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686628	28	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686629	29	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686630	30	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686631	31	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686632	32	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686633	33	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686634	34	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686635	35	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686636	36	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686637	37	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686638	38	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686639	39	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686640	40	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686641	41	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686642	42	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686643	43	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686644	44	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686645	45	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686646	46	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686647	47	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686648	48	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686649	49	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686650	50	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686651	51	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686652	52	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686653	53	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686654	54	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686655	55	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686656	56	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686657	57	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686658	58	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686659	59	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686660	60	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686661	61	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686662	62	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686663	63	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686664	64	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686665	65	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686666	66	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686667	67	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686668	68	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686669	69	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686670	70	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686671	71	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686672	72	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686673	73	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686674	74	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686675	75	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686676	76	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686677	77	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686678	78	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686679	79	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686680	80	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686681	81	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686682	82	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686683	83	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686684	84	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686685	85	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686686	86	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686687	87	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686688	88	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686689	89	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686690	90	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686691	91	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686692	92	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686693	93	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686694	94	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686695	95	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686696	96	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686697	97	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686698	98	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686699	99	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686700	100	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686701	101	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686702	102	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686703	103	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686704	104	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686705	105	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686706	106	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686707	107	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686708	108	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686709	109	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686710	110	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686711	111	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686712	112	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686713	113	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686714	114	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686715	115	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686716	116	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686717	117	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686718	118	ALBERTA	30 36 0	91 42 40M	1655	13 8	C	H	MRS JESSEE PETERSON	
OLD RIVER LOCK	686719	119</									

SEE REFERENCE NOTES FOLLOWING STATION INDEX
19

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- * Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
- V Includes total for previous month(s). (See * above)
- // Gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)
- B Adjusted monthly value. (estimated)
- H Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. (1-7 missing values for Wind and Evaporation). M appears alone if 10 or more daily values are missing, (8 or more for Wind and Evaporation).
- R Amounts from recording gage.
- T Trace. An amount too small to measure.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- J Station also published as a Local Climatological Data publication.
- H Observations appear in "Snowfall and Snow on Ground" table.
- MID Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months.
- WI Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

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STATION LEGEND

Precipitation only

Precipitation, storage

Precipitation and Temperature

Precipitation, Temperature and Evaporation

C
A
T

Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^{\circ}$ AND $45\frac{1}{2}^{\circ}$





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IN EVERY STATE.

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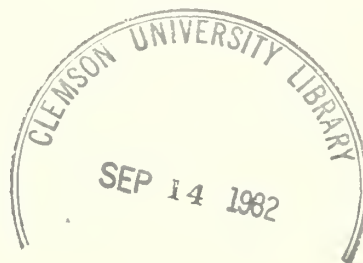


CLIMATOLOGICAL DATA

LOUISIANA

JUNE 1982

VOLUME 87 NUMBER 6



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF
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28801

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

/ ENVIRONMENTAL DATA AND
INFORMATION SERVICE

/ NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

LOUISIANA
JUNE 1982

LOUISIANA
HIGHEST TEMPERATURE 99
LOWEST TEMPERATURE 50
GREATEST TOTAL PRECIPITATION 12.20
LEAST TOTAL PRECIPITATION 1.84
GREATEST 1 DAY PRECIPITATION 4.45

JUNE 12+
JUNE 12
JUNE 22

2 STATIONS
HOMER EXP STATION
CALHOUN EXP STATION
SHERVEPORT WSO AP
SHERIDAN FIRE TOWER

R

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JUNE 1982

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)				
	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DATE
											90 OR ABOVE	32 OR BELOW	0 OR BELOW		
LOUISIANA															
NORTHWEST															
COTTON VALLEY	88.4	65.9	77.2		94.8	56	2		0	37117	0	0	0	6.86	3.4616
LOGANSPORT 4 ENE	91.2	66.9	79.1		9619+	59	1		0	43323	0	0	0	5.87	1.3521
MINNEN	89.5	67.7	78.6	-7	9510+	58	2		0	41615	0	0	0	3.90	1.0812
PLAIN DEALING	87.3	65.2	76.3	-2.5	9338	58	2		0	344	0	0	0	3.34	2.4616
RED RIV VALLEY EXP STN	90.3	67.8	79.1		9516+	60	2		0	42919	0	0	0	2.60	8.522
SHREVEPORT WSO AP	88.8	68.3	78.6	-1.6	9314+	60	2		0	41316	0	0	0	1.84	.6521
--DIVISIONAL DATA-->			78.2	-1.0										4.57	1.14
NORTH CENTRAL															
BIENVILLE 3 NE	90.6	67.2	78.9		9710	62	18		0	42419	0	0	0	6.79	3.8011
CALHOUN EXP STATION	89.2	67.0	78.1	-1.6	968	57	2		0	40016	0	0	0	12.20	3.1511
HOMER EXP STATION	87.8	65.2	76.5		948+	50	2		0	35511	0	0	0	7.25	2.0916
MONROE FAA AP	88.4	70.3	79.4	-7	958+	65	2		0	44014	0	0	0	8.64	2.8816
MONROE NLU	89.0	68.7	78.9		968	60	2		0	42217	0	0	0	9.45	1.9722
RUSTON-LA TECH UNIV	90.5	67.4	79.0	0	968+	62	2		0	42717	0	0	0	7.60	2.0121
WINNFIELD 2 W	91.0	66.7	78.9	-9	9510+	57	2		0	42322	0	0	0	5.70	1.7522
--DIVISIONAL DATA-->			78.5	-9										8.02	4.08
NORTHEAST															
BASTROP	90.9	68.9	79.4	-6	972	60	2		0	45619	0	0	0	6.81	2.0128
BOYCE 3 WNW	89.9	69.0	79.4		979	63	2		0	44115	0	0	0	7.14	2.8027
LAKE PROVIDENCE	88.5	69.3	78.9	-1.7	9510+	64	2		0	4412	0	0	0	5.94	2.2512
SAINT JOSEPH EXP STN	89.1	70.1	79.6	0	9510+	66	17		0	4415	0	0	0	7.26	1.5016
TALLULAH	89.9	66.1	78.0	-8	978	59	2		0	39816	0	0	0	7.41	3.5016
WINNSBORO	90.6	68.3	79.5	-4	9611+	61	2		0	44019	0	0	0	10.26	3.2330
--DIVISIONAL DATA-->			79.2	-8										7.25	3.68
WEST CENTRAL															
ASHLAND	90.5	66.0	78.3		9512+	60	2		0	40421	0	0	0	5.84	1.3626
CONVERSE	89.7	66.5	78.1		9316+	60	2		0	40021	0	0	0	4.24	1.6629
LEESVILLE	91.5	68.0	79.8	.7	9512+	62	2		0	45124	0	0	0	5.22	1.4627
MANY	90.8	68.5	78.7		9515+	58	2		0	41726	0	0	0	3.45	.7829
NATCHITOCHES	92.0	69.2	80.6	.2	988+	63	2		0	47826	0	0	0	3.60	8.122
ROSELINE EXP STATION	91.4	67.6	79.5		9512+	62	3		0	44523	0	0	0	3.65	1.0227+
--DIVISIONAL DATA-->			79.2	-3										4.17	.07
CENTRAL															
ALEXANDRIA	90.9	70.0	80.5		9711	61	7		0	47020	0	0	0	4.3	2.1621
BELAH FIRE TOWER	92.4	67.4	79.9		988	55	3		0	45423	0	0	0	5.33	1.1026
BOYCE 3 WNW	91.7	67.7	79.7		986	55	3		0	44222	0	0	0	4.84	1.6428
BUNKIE	91.3	70.3	80.8	.6	9718	64	2		0	48221	0	0	0	4.41	1.4017
GRAND COTEAU	91.3	70.2	80.8		9511+	65	2		0	47824	0	0	0	4.28	1.1030
JONESVILLE LOCKS	90.4	70.3	80.3		9611+	66	2		0	4718	0	0	0	3.99	1.4022
LSU OERAN LEE EXP STN	90.4	69.9	80.2		9718	64	2		0	45219	0	0	0	4.69	1.4022
MAMOU 4 S	93.6	73.0	83.3		9711	65	17		0	45627	0	0	0	5.13	2.2030
MELVILLE	91.4	70.6	81.0	1.1	9511+	65	2		0	48624	0	0	0	3.54	1.2417
NEW ROADS 5 ESE	91.3	70.8	81.1		9612+	66	17		0	49021	0	0	0	3.54	1.6117
OLD RIVER LOCK	90.8	69.0	79.9		9616+	65	21		0	45220	0	0	0	3.94	1.5822
OLLA 3 SSW	90.6	66.8	78.7		988	59	2		0	42019	0	0	0	5.30	1.5822
WOODDORTH 2 SE	91.6	66.5	79.1		9716	62	2		0	42820	0	0	0	6.39	1.8211

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JUNE 1982

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)												
	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	SLEET	NO. OF DAYS	
												90 OR ABOVE	32 OR BELOW	0 OR BELOW									
--DIVISIONAL DATA----->																							
06 EAST CENTRAL																							
AMITE	93.5	81.3	69.0	80.4	1.4	9912+	6410+	6817	9912+	0	49427	0	0	0	4.45	.04	1.9825	1.9825	0	0	0	0	1.00 OR MORE
BATON ROUGE WSO AP	92.6	82.6	72.6	81.3	2.3	9620+	6817	6817	9620+	0	53627	0	0	0	6.05	-.86	1.9726	1.9726	0	0	0	0	.50 OR MORE
BOGALUSA	92.1	81.0	69.8	80.3	-.1	9412+	6317	6317	9412+	0	49627	0	0	0	5.71	-2.77	1.9917	1.9917	0	0	0	0	.10 OR MORE
CLINTON 5 SE	90.0	79.9	68.4	80.3	.7	9810	6117	6117	9810	0	46525	0	0	0	6.19	-.65	1.6222	1.6222	0	0	0	0	.10 OR MORE
COVINGTON 4 NNW	92.4	80.3	68.2	80.3	.7	9810	6117	6117	9810	0	46525	0	0	0	6.19	-.65	1.6222	1.6222	0	0	0	0	.10 OR MORE
FRANKLINTON 3 SW	93.9	80.7	67.5	80.7	.5	9914	6117	6117	9914	0	47727	0	0	0	5.67	4.13	2.3021	2.3021	0	0	0	0	.10 OR MORE
HAMMOND 5 E	91.4	79.9	68.4	80.4	.5	9815+	6317+	6317+	9815+	0	45522	0	0	0	8.04	4.13	1.7922	1.7922	0	0	0	0	.10 OR MORE
HAMMOND 3 NW	92.5	80.4	68.3	80.4	.5	9815+	6317+	6317+	9815+	0	45823	0	0	0	9.64	4.13	1.7922	1.7922	0	0	0	0	.10 OR MORE
LSU BEN-HUR EXP STN	91.3	80.4	68.3	80.4	.5	9815+	6317+	6317+	9815+	0	45823	0	0	0	9.64	4.13	1.7922	1.7922	0	0	0	0	.10 OR MORE
SLIDELL WSO	92.1	81.4	70.7	81.4	1.0	9718	6517	6517	9718	0	49828	0	0	0	2.05	.26	1.0217	1.0217	0	0	0	0	.10 OR MORE
--DIVISIONAL DATA----->																							
07 SOUTHWEST																							
CROWLEY EXP STATION	90.7	81.0	71.3	80.6	.1	9617	6617	6617	9617	0	49222	0	0	0	3.79	-1.50	2.2217	2.2217	0	0	0	0	.10 OR MORE
DE QUINCY 4 N	91.4	79.6	67.7	79.6	.3	9611	6113	6113	9611	0	44324	0	0	0	3.79	-1.50	2.2417	2.2417	0	0	0	0	.10 OR MORE
DE RIDDER	90.0	79.3	68.7	79.3	.3	9520	6312	6312	9520	0	43722	0	0	0	3.83	3.85	1.1027	1.1027	0	0	0	0	.10 OR MORE
ELIZABETH	90.4	79.6	68.7	79.6	.3	9520	6312	6312	9520	0	44421	0	0	0	6.50	2.13	1.3211	1.3211	0	0	0	0	.10 OR MORE
HACKBERRY 8 SSW	88.7	81.0	73.3	81.0	.5	9116	6729	6729	9116	0	48919	0	0	0	6.50	2.13	1.5129	1.5129	0	0	0	0	.10 OR MORE
JENNINGS	90.8	80.9	71.0	80.9	.3	9617	6717	6717	9617	0	48523	0	0	0	6.18	1.18	1.9817	1.9817	0	0	0	0	.10 OR MORE
LAKE CHARLES WSO AP	89.0	80.4	71.8	80.4	.3	9512+	6517	6517	9512+	0	47027	0	0	0	8.90	1.14	2.4016	2.4016	0	0	0	0	.10 OR MORE
ROCKEFELLER FIRE TOWER	91.0	80.4	71.8	80.4	.3	9512+	6517	6517	9512+	0	47027	0	0	0	8.90	1.14	2.4016	2.4016	0	0	0	0	.10 OR MORE
VERMILION LOCK	92.6	82.7	72.8	82.7	.1	9716+	6817	6817	9716+	0	53626	0	0	0	8.26	1.23	1.7828	1.7828	0	0	0	0	.10 OR MORE
VERMILION LOCK	91.1	81.4	71.6	81.4	.1	9513+	6518	6518	9513+	0	49924	0	0	0	4.41	1.23	1.5517	1.5517	0	0	0	0	.10 OR MORE
--DIVISIONAL DATA----->																							
08 SOUTH CENTRAL																							
CARVILLE 2 SW	91.9	81.8	71.6	81.8	1.5	9611	6517	6517	9611	0	51025	0	0	0	6.13	1.42	1.9025	1.9025	0	0	0	0	.10 OR MORE
FRANKLIN 3 NW	91.1	81.5	71.7	81.5	1.3	9617	6717	6717	9617	0	50225	0	0	0	5.20	1.42	1.8225	1.8225	0	0	0	0	.10 OR MORE
JEANETTE EXP STN	90.8	80.8	70.7	80.8	.9	9611	6517	6517	9611	0	48224	0	0	0	3.22	1.10	1.1616	1.1616	0	0	0	0	.10 OR MORE
LAFAYETTE FAA AP	91.1	81.4	71.7	81.4	.4	9617+	6817	6817	9617+	0	49925	0	0	0	3.56	1.10	1.2317	1.2317	0	0	0	0	.10 OR MORE
MORGAN CITY	90.7	81.5	72.3	81.5	.4	9620+	6817	6817	9620+	0	49925	0	0	0	3.56	1.10	1.2317	1.2317	0	0	0	0	.10 OR MORE
NEW IBERIA 5 NW	91.3	81.3	71.2	81.3	1.0	9611	6517	6517	9611	0	49325	0	0	0	5.68	1.46	1.4617	1.4617	0	0	0	0	.10 OR MORE
--DIVISIONAL DATA----->																							
09 SOUTHEAST																							
BOOTHVILLE WSCMO CI	89.7	82.8	75.9	82.8	.8	9321+	6817	6817	9321+	0	54217	0	0	0	6.22	3.73	3.2727	3.2727	0	0	0	0	.10 OR MORE
DELTA-BRETON WL REF	86.9	81.0	75.0	81.0	.8	9020+	7023+	7023+	9020+	0	51427	0	0	0	3.79	3.73	1.7524	1.7524	0	0	0	0	.10 OR MORE
DONALDSONVILLE	90.8	81.9	73.0	81.9	.8	9511+	6719	6719	9511+	0	51427	0	0	0	7.09	.37	2.7527	2.7527	0	0	0	0	.10 OR MORE
GOLDEN MEADOW	91.9	82.1	72.3	82.1	1.6	9512+	6817	6817	9512+	0	51826	0	0	0	7.09	.37	2.7527	2.7527	0	0	0	0	.10 OR MORE
HOUMA	91.5	81.9	72.3	81.9	1.6	9512+	6817	6817	9512+	0	51826	0	0	0	7.09	.37	2.7527	2.7527	0	0	0	0	.10 OR MORE
LOUISIANA NATURE CTR	91.6	81.6	71.5	81.6	1.1	9521+	6816	6816	9521+	0	50324	0	0	0	5.01	3.69	2.3023	2.3023	0	0	0	0	.10 OR MORE
NEW ORLEANS WSCMO AP	91.0	83.8	72.5	83.8	2.8	9411	6317+	6317+	9411	0	50425	0	0	0	2.79	3.69	1.2116	1.2116	0	0	0	0	.10 OR MORE
N O ADON WSO CI	91.5	81.3	71.9	81.3	.9	9512	6618	6618	9512	0	49228	0	0	0	3.25	1.17	1.2021	1.2021	0	0	0	0	.10 OR MORE
PARADISE 7 S	92.8	83.4	73.9	83.4	.9	9826	6817	6817	9826	0	55628	0	0	0	10.43	5.62	1.6623	1.6623	0	0	0	0	.10 OR MORE
PLAQUEMINES EXP STN	92.3	81.8	71.2	81.8	.9	9519+	6617	6617	9519+	0	51228	0	0	0	2.34	5.62	2.1824	2.1824	0	0	0	0	.10 OR MORE
RESERVE	92.3	81.8	71.2	81.8	.9	9519+	6617	6617	9519+	0	51228	0	0	0	2.34	5.62	2.1824	2.1824	0	0	0	0	.10 OR MORE
SAINT BERNARD	93.0	83.7	74.4	83.7	.6	9711	6917	6917	9711	0	56928	0	0	0	5.14	1.75	1.6522	1.6522	0	0	0	0	.10 OR MORE
THIBODAX 4 ESE	91.7	80.7	69.6	80.7	1.4	9511	6518	6518	9511	0	45023	0	0	0	5.02	1.37	1.6522	1.6522	0	0	0	0	.10 OR MORE
--DIVISIONAL DATA----->																							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION	TOTAL
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DAY OF MONTH

TOTAL

STATION

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SEE REFERENCE NOTES FOLLOWING STATION INDEX 5

DAILY PRECIPITATION (CONT)

LOUISIANA
JUNE 1982

STATION	DAY OF MONTH											
	16	17	18	19	20	21	22	23	24	25	26	27
LOUISIANA												
NORTHWEST 01												
BETHANY FIRE TOWER	.45	.34	.30	.15	2.04	1.12	.61	.21				
BOCCAN VALLEY 5 S	2.58			.18	.14	.07	.22					
COTTONHATTA FIRE TOWER	2.46			.24	.99	.88	T	.50				
GREENWOOD FIRE TOWER	2.70			.34		.41	.47	.16				
HANNA 3 S	2.02			.09	.06	.03	.99	.43				
HOSSON	2.37			.19	.32	.03	.75	.19				
KELTHVILLE	2.43			T	.30	.03	.47	.37				
KOGANSPORT 4 ENE	1.20	.05		.84	.36	.35	.65	.01				
LOGANSFIELD 3 WSW	1.20			.24	.36	.57	.32	.06				
MARTIN FIRE TOWER	1.97			.04	.15	.23	.36	.73				
MINDENSPORT 1 N	2.39			T	.27	.08	1.30	2.03				
MOORING DEALING	2.46			T	.32	.10	1.85	.52				
PLAIN RIV VALLEY EXP STN	2.34			T	.32	.06	1.85	.24				
ROBSON	2.29	.03		.05	.32	.36	1.52	.08				
RODESSA	2.30			.37	.32	.65	.50	.18				
SHREVEPORT WSO AP	2.54			.10		.05	1.12	.45				
SHREVEPORT	2.34											
SPRINGHILL	2.54											
NORTH CENTRAL 02												
ANTIUCH FIRE TOWER	2.05	.38		.02		.88	.16	.73				
BIENVILLE 3 STATION	1.78	.66		.07	T	.57	1.00	.49				
CALHOUN EXPO	1.60	.47			.05	.37	.79	.42				
COLUMBIA LOCKS STATION	2.09	.03			.21	.02	.57	.15				
HOMESBORO FIRE TOWER	1.68	.21			.05	.72	.64	.82				
JONESBORO	1.42	.64			.21	.41	1.21	.91				
MARION FAA AP	2.88	.11		T	.02	1.19	.97	.77				
MONROE NLU TECH UNIV	1.82	.64		.02	.32	2.01	.64	.95				
RUSTON-LA FIRE TOWER	1.85	.11		.32		.90	.08	.23				
SAILERSVILLE	1.67	.04				1.15	1.25	.70				
SPRINGFIELD 2 W	1.58	.79		.02	.02	.50	1.75	.93				
WINONA FIRE TOWER	1.30	2.05				.78	.40	.33				
NORTHEAST 03												
BASTROP	1.53	.20			T	.07	1.13	.82				
BAPPS 6 WNW DENCE	1.22	.32					.65	.40				
LAKE PROVE 2 WSW	1.88	.32				.62	.83	.62				
OAK GROVE	1.35	.32				.09	1.10	.30				
SAINT JOSEPH FIRE TOWER	1.50	.32				.09	1.33	.52				
STALLUM	3.50	.12				.43	1.33	.01				
WINNSBORO	1.48	.82										
WEST CENTRAL 04												
ASHLAND	1.77	.41		.15	.39	1.21	.48	1.36				
CONVERSE FIRE TOWER	1.30	.56		T		1.20	.60	.08				
GORDON ECARDENS	1.57	.56				1.73	.70	.24				
HODGESVILLE	1.05	.27			.03	1.00	.87	.08				
MANITOCHE EXP STATION	1.60	1.02				.41	.81	.03				
ROSEPTINE	1.56					.54	.21	.03				
ROSEPTINE EXP STATION	1.56					.15	.21	.03				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
JUNE 1982

DAY OF MONTH

TOTAL

STATION

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
05															
CENTRALIA	5.43										.80	T	1.58	.73	
ALEXANDER FIRE TOWER	6.41									.05	.12	.16		.11	
BEAVER FIRE TOWER	3.63														
BELLAH 3 WNW	4.64													.70	
BOYCE	4.41													.03	
BRUNNICE	2.12													.01	
BUCKNER	4.28													.15	
GRANDVILLE	3.69														
JONESVILLE EXP STN	5.63														
LSU DEAN 4 S	5.13														
MARKSVILLE	4.14														
MELVILLE	2.34														
NEW ROADS 5 ESE	3.54														
OLD RIVERS LOCK	3.94														
OLLA 3 SSW	3.30			.05											
ORLEANS	5.36			.41								.19	T	2.73	.02
PORT ALBERT	5.52													.05	
SIMMESPORT	3.53														
VIDALIA 2 SE	6.39										1.47	.02	1.65	1.00	
WOODWORTH 2 SE	6.39										1.82				
06															
EAST CENTRAL	4.76														
CLINTON SPRINGS F TWR	6.05														
AMBITER	2.80														
BAKON	2.80														
ROUGE CENTRAL	2.91	.18										.04			
WISO AP	3.37														
ROUGE WOODLAWN	3.76														
BOGALUSA	5.98														
CLINTON 5 SE	1.98														
CLINTON 4 NNW	6.19														
COVINGTON SPRINGS	3.42														
DEFRANKLIN 2 SW	6.94														
FRANKLIN 3 SW	5.67														
GREENHILL SPRINGS	2.39														
HAMMOND 5 E	8.04														
HAMMOND 3 NW	9.71														
KENTWOOD 3 ENE	3.80														
LIVERPOOL 3	3.28														
LSU BEN-HUR EXP STN	2.15														
LSU BEN-HUR	3.64														
OAKNOLIA	4.90														
PEARL RIVER LOCK 1	4.13														
PORT GROVE FIRE TOWER	4.04														
SAINT VINCENTVILLE	3.14														
SHRIDAN FIRE TOWER	2.86														
SLIDELL WSO FIRE TOWER	1.53														
SPRINGVILLE	2.05														
SPATSON 3 ENE	5.68														
WACHARY 2 ESE	2.33														
07															
SOUTHWEST	6.96														
ABBEVILLE	3.79														
ABBEVILLE EXP STATION	3.63														
COFFEE CANYON 4 N	3.34														
DEER CROCKER	8.50														
ELIZABETH 8 SSW	6.50														
HACKBERRY	6.18														
JENNINGS	7.71														
KINDE	7.42														
LAKE CHARLES 2 N AP	4.90														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
JUNE 1982

STATION	DAY OF MONTH														
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
05															
CENTRAL															
ALEXANDRIA FIRE TOWER	.47	.30				2.16	.24	.19				.24	.10	.30	
BEAVER FIRE TOWER	.74	.10				1.05	.75	.10				.25	.45	.05	
BELLEVUE FIRE TOWER	.55	T				.47	.10					.07	.64	.80	
BOYCE 3 WNW	1.00	1.40				.28	1.10					.07	1.64	.05	
BUNNICE						.05	.15					.10	.52	.35	
GRANDS COTEAU LOCKS	1.01	1.20			.11	T	T					.38	.03	.06	
JONAS DEAN STN	.53	.92			.03	.35	1.63	T				.16	.03	.06	
LA MOUILLON	1.40	.70			.69	.71	1.14					.04	.06	.45	
MARKSVILLE		.58				.48	.20					.45	.28	2.20	
MELVILLE		1.64			.02							1.48	.42	.06	
NEW RIVERS LOCK		1.66			.05							.20	.35	.38	
OLD A 3 SSW	.77	.25				.57	1.58					.30	.14	.58	
OPLET 3 SSW	T	.73				.27	.34					.30	.60	T	
PORT ALBERT		.95				.05	.26					.87	.11	.02	
SIMMESPORT		.59				.35	.88					.08	.24	.07	
VIDALIA 2 SE	.58	1.12			.03	.73	1.09					2.02	.45	.01	
WOODMORTH 2 SE															
06															
EAST CENTRAL															
SPRINGS F TWR	.42	.39				.40	1.25		.80	1.98	.24	.28	.10	.08	
AMITE		.64					.73		1.10		.07	.18	.40	.46	
BATON ROUGE	.78	1.34				.09	T		.08		T	.18	.16	.17	
BATON ROUGE WSO						.12			.06	.25	.97	.01	.50	.78	
BATON ROUGE WOODLAWN		1.22				.95	1.33	T	.26	.02	.15	.63	.19	.68	
BOGALTON		.49				.02	.24		.26	1.70	.66	.26	.46	.01	
CLINTON 5 SE	.55	.65					1.62		.12	.18	1.50	.22	.13	.05	
CLINTON 4 NNW		.80				1.10	1.62						.58	.18	
COVENHANT SPRINGS		.48				.99	3.29					.44	.52	.16	
DEFRANKLIN 3 SW		.51				.30	.07			.02	.35	.64	.06	.76	
FRANKLIN 3 SW	.52	.76				1.82	.07		.88	.03	.23	.17	.32	.03	
FRANKLIN 3 NW		.40				1.05	1.79		1.23	.28	.07	1.32	.12	.33	
HAMMOND 3 ENE	.11	.54				.09	1.55		.14	.21	.06	.39	.27	.15	
HAMMOND 3 ENE	.07	.70			.13		.64	.01	.16	.04	.08	.18	.51	.38	
KENTWOOD 3 ENE	.55	.74					.58		.23	.12	.16	.32	.05	.37	
LIVINGSTON 3 ENE	.07	.30					.18		.16	.08	.16	.74	.22	.04	
LSU BENTON 3 ENE	.55	.44					.12	.18	.23	.12	.90	1.20	.22	.29	
OAKLAND RIVER FIRE TOWER		.67				T	.81		.15	.06	.02	.46	.09	.41	
PORT VINCENT FIRE TOWER		.31			.17	.35	.01	.38	.42	.31	.27	1.05	.98	.01	
SAINT ANNE FIRE TOWER	.68	.07				.17	.45				.48	.25	.11	.07	
SHERIDAN FIRE TOWER	1.62	.03				.35	.06	.01		T	T	.16	.25	.17	
SLIDELL WSO FIRE TOWER		1.69				.17	.45	.01				.69	.07	.21	
WACHARY 3 ENE															
07															
SOUTHWEST															
VALLEY EXP STATION	.27	.60			1.06	.05	.19		1.20	.40	.60	1.50	1.20	.40	
ARCADE 4 N	.17	.28			.05	.84	.57	T			.32	.30	.56	.19	
DE GRADY	.07	.46			.05	.16	.43	.02			T	.10	.16	.17	
ELIZABERRY 8 SSW	.49	.20			.26	.36	1.02			.83	.04	1.41	.28	.40	
HACKBERRY	.04	.11			.35	.07	.02	T			.98	.05	.15	.51	
KINDERGARTEN 3 W	.10	.98			1.12	.10	.50			.21	.70	1.69	.45	.30	
LAKE CHARLES WSO AP	.24	.38			.36	.10	.17		.02	T	.14	.41	.45	.15	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
JUNE 1982

STATION	TOTAL	DAY OF MONTH													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
LONGVILLE	7.18													.95	.15
MENTAUX	7.33				.48						T		.10	.82	.04
MITTIE 2 SE	5.55											1.23		1.15	.58
OAKDALE	6.67											.21		.10	1.40
ROCKEFELLER FIRE TOWER	8.62														
SULPHUR	6.26														
VERMILION LOCK	7.92													.42	
SOUTH CENTRAL	4.41														
SORRELL LOCK	4.20														.35
BAYTTE LA ROSE	3.45														.50
CARVILLE 2 SW	6.13														.01
FRANKLIN 3 NW	5.20													.01	.30
JEANERETTE EXP STN	5.12														.30
LAFAYETTE FAA AP	2.22					.05									.03
MORGAN CITY 5 NW	3.56														.35
NEW IBERIA 5 NW	5.68														.78
PLAQUEMINE 2 N	7.25			T											1.78
SOUTH EAST	6.22	.01													
BOOTHVILLE WSCMO CI	3.79	.05													.20
DELTA-8RETTON WL REF	3.02														.03
DONALDSONVILLE	5.65														.03
GOLDEN MEADOW	4.20	.05													.03
GONZALES	7.09				.03									.31	.0
HOUSTON	5.01	.15												.02	
LOUISIANA NATURE CIR	5.43	.03													.03
NEW ORLEANS WSCMO AP	2.79														.03
NEW ORLEANS WFO CIERS	4.05														.0
NEW ORLEANS ALGERS	2.74														.04
NEW ORLEANS ADP S 14	3.09														.02
NEW ORLEANS WATER PLT	3.83														.08
NEW ORLEANS CITY HALL	3.69	.02													.04
NEW ORLEANS DD P S 5	3.57				.04										.08
NEW ORLEANS DD P S 6	3.51		T												.08
NEW ORLEANS DD P S 7	3.25														.22
PARADISE 7 S	10.43				.22									1.84	
PLAQUEMINE EXP STN	2.34														
RESERVE	5.14	.57				*									
SAINT BERNARD															
THIBODAUX 4 ESE															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
JUNE 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LONGVILLE	1.60	2.23	.04	.06	2.02	1.30	.25				
MENTAUS	.05	1.05			.20	1.98	.34				
MITTIE		1.30			.31	1.63	.86				
OAKDALE FIRE TOWER	1.10	1.30	.30		.31	2.63	.02				
ROCKEFELLER WL REFUGE		1.48			.78	1.24	.41	1.35			
SULPHUR	.33	1.65				1.16					
VERMILION LOCK		1.55									
SOUTH CENTRAL LOCK											
BAYOU SA		1.92				.04	.14	.07			
RELE		1.85					.02	.10			
LA ROSE		1.54					1.46				
CARVILLE 2 SW											
FRANKLINITE EXP STN		2.43				.07	.04				
JEANERETTE FAA AP	1.23					.14					
LAFAYETTE CITY	1.16	1.23	.01			.03					
MORGAN CTR 5 NW		1.46				1.08	.60	.37			
NEW IBERIA 2 N	T	1.43						.02			
PLAQUEMINE											
SOUTHEAST											
WSCMO CI						.04		.08			
BELLEVILLE		.63						.32			
LA-BRETON WL REF		.75				.40		.36			
DONALDSONVILLE		1.75						.12			
GOLDEN MEADOW		.02				.04		.01			
GONZALES		1.01				1.32		.33			
HOUMA					.05		.22	.72			
LOUISIANA NATURE CTR		.30				.06	.35	.30			
NEW ORLEANS WSCMO AP	1.21					.25	.21	.95			
NEW ORLEANS WSCMO CI	1.17						.15	.19			
NEW ORLEANS ALGERS		.45					.03	.24			
NEW ORLEANS ALGERS 14		.55									
NEW ORLEANS DARTER HALL		.78					.03	.20			
NEW ORLEANS CITY S 5		.94					.02	.80			
NEW ORLEANS CITY S 3		.32						.95			
NEW ORLEANS D P S 6		.71						.82			
NEW ORLEANS D P S 3		.93						2.82			
NEW ORLEANS D P S 6		.16						1.66			
PARADISE 7	.50	.14			.06	1.20		.09			
PLAQUEMINE EXP STN		.87	.43		.11		.61	.01			
PLAQUEMINE		.05				1.38	1.65	.18			
RESAINT BERNARD	.08	.76				.56		.31			
THIBODAUX 4 ESE											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

STATION		DAY OF MONTH																															AVERAGE		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
LOUISIANA 01	NORTHWEST COTTON VALLEY	MAX	90	82	80	90	87	88	92	94	92	91	91	83	88	90	91	92	82	88	90	88	88	92	87	90	90	90	90	90	78	87	88.4		
		MIN	61	56	60	60	63	63	60	66	67	70	65	65	67	67	70	68	64	64	68	71	71	68	64	66	69	70	70	72	65	68	65.9		
		MAX	89	89	91	90	91	92	93	92	91	94	96	93	93	93	94	91	89	90	96	91	88	86	90	89	90	94	91	90	89	92	91.2		
		MIN	59	60	68	73	62	67	64	64	65	70	71	66	67	70	71	66	65	65	65	68	68	68	63	66	67	69	70	69	69	69	66.9		
		MAX	92	83	90	94	88	90	95	95	94	95	94	94	85	89	92	88	90	87	90	87	88	93	88	89	91	88	91	82	88	89	89.5		
	PLAIN DEALING	MIN	62	62	65	68	66	67	66	66	69	70	66	67	70	70	66	67	70	70	65	66	66	71	71	70	65	66	68	69	71	72	70	71	67.7
		MAX	88	82	87	90	85	87	91	93	91	93	92	92	82	87	89	90	81	86	89	86	86	81	86	89	88	88	88	88	77	87	87	85.2	
		MIN	58	58	60	68	62	63	65	64	64	69	68	64	64	66	67	65	63	63	64	68	68	67	64	65	68	68	69	70	66	68	65.2		
		MAX	93	84	91	93	88	91	94	95	94	92	94	92	88	91	94	95	85	90	92	88	91	85	88	90	92	89	89	90	81	89	90	90.3	
		MIN	60	60	64	73	62	64	67	68	70	72	71	67	67	71	69	66	65	67	71	71	67	67	66	68	70	70	72	72	68	69	67	68.3	
SHREVEPORT WSO AP	MAX	81	89	90	86	90	92	93	91	90	93	91	87	90	93	92	83	88	91	86	89	83	87	90	89	88	90	91	80	89	92	88.3			
	MIN	62	60	71	72	66	68	70	68	68	71	66	65	68	71	72	68	66	67	71	73	69	68	64	66	69	69	71	70	70	70	70	68.3		
	MAX	84	93	95	89	91	96	96	96	95	97	93	86	91	93	95	84	88	90	89	90	83	86	88	89	92	91	92	82	91	94	90.5			
	MIN	63	63	69	74	66	67	68	67	68	71	65	65	65	65	67	65	63	62	60	69	66	66	66	64	65	69	69	71	68	67	70	67.2		
	MAX	94	94	95	93	90	86	92	96	94	93	93	90	88	92	88	92	80	86	89	88	88	87	86	90	92	91	86	90	87	84	89	89.2		
NORTH CENTRAL BIENVILLE 3 NE	CALHOUN EXP STATION	MIN	67	57	65	70	64	65	66	65	70	66	66	65	65	70	66	66	62	66	69	68	68	66	64	67	69	71	73	69	70	70	67.0		
		MAX	91	82	90	92	85	85	93	94	92	91	89	89	88	92	91	80	85	89	86	88	80	86	89	90	89	90	89	67	82	87	87.8		
		MIN	61	50	61	65	62	64	66	65	67	68	66	64	65	67	68	65	61	62	64	69	69	65	64	64	68	68	69	67	67	67	65.2		
		MAX	84	92	94	89	84	93	95	95	91	90	92	82	87	91	94	80	84	88	90	86	84	84	90	92	91	86	89	86	81	89	88.4		
		MIN	67	65	70	71	67	70	71	74	73	69	68	69	72	72	67	69	68	71	73	71	73	71	70	69	72	74	73	75	72	71	70	70.3	
	MONROE NLU	MAX	94	84	93	94	90	86	93	96	95	93	91	92	81	89	90	93	79	85	90	90	87	85	84	89	92	91	86	90	87	82	89	89.0	
		MIN	65	60	67	69	66	66	68	70	73	72	69	66	67	68	71	66	65	69	70	69	69	67	67	69	72	70	72	73	70	71	68	68.7	
		MAX	94	86	92	95	89	88	95	96	95	93	95	92	86	89	93	84	88	91	90	89	85	87	89	93	93	87	93	92	87	90	90.5		
		MIN	64	62	67	71	64	68	67	67	69	70	70	65	66	69	68	65	64	70	69	68	68	67	65	67	69	68	71	68	71	68	71	67.4	
		MAX	87	91	93	93	90	95	94	92	95	94	92	89	93	88	91	94	90	89	90	91	88	86	90	92	94	91	91	85	86	93	91.0		
NORTHEAST BASTROP	EPPS 6 WNW	MIN	64	57	68	73	63	64	66	65	69	71	67	66	66	66	66	67	63	68	69	68	65	62	65	69	69	70	69	71	69	71	66.7		
		MAX	94	97	94	93	87	93	94	96	95	92	93	91	88	92	94	93	87	89	89	89	87	86	88	91	92	89	90	84	90	84	90.9		
		MIN	68	60	67	70	64	66	67	70	74	74	69	68	67	68	71	66	69	64	69	70	70	68	67	70	72	70	71	72	70	76	68.9		
		MAX	94	84	93	95	91	88	94	96	97	95	91	94	89	88	92	93	79	86	88	89	88	85	85	90	93	92	86	89	87	83	89.8		
		MIN	64	63	71	70	66	69	69	73	72	70	67	68	68	74	66	66	65	68	71	68	71	71	66	66	70	72	72	73	70	72	69.0		
	LAKE PROVIDENCE	MAX	95	85	89	89	92	86	91	94	94	95	90	91	83	87	89	92	76	86	89	89	89	85	84	91	90	90	86	89	86	84	88.5		
		MIN	65	64	70	72	66	65	68	70	75	73	70	66	69	69	68	72	65	66	66	69	72	69	69	71	72	71	72	73	70	73	69.3		
		MAX	95	87	93	94	96	90	94	94	96	96	93	91	86	87	90	92	78	85	87	89	87	87	88	91	93	88	85	87	81	81	89.1		
		MIN	69	66	71	75	70	67	68	69	72	76	71	69	70	71	71	66	64	67	70	73	70	73	68	71	71	73	73	73	70	71	70.1		
		MAX	93	86	93	94	92	88	95	97	96	95	94	94	85	88	94	93	80	86	90	89	89	85	83	90	92	91	87	89	88	80	89.9		
SAINT JOSEPH EXP STN	MIN	65	59	68	73	66	61	64	66	71	70	69	65	65	64	68	62	62	62	65	69	68	64	63	66	68	69	68	69	67	68	66.1			
	MAX	93	87	94	95	95	89	95	96	96	95	96	93	87	91	95	93	81	88	90	90	91	81	85	91	93	93	86	89	87	82	90.6			
	MIN	66	61	66	71	66	64	67	68	70	73	69	68	67	69	71	66	65	65	66	70	70	71	68	65	68	73	72	72	70	70	68.3			
	MAX	92	86	91	93	90	93	95	95	93	93	94	95	86	90	93	93	88	90	91	87	90	84	85	90	91	91	89	91	87	89	90.5			
	MIN	63	60	60	67	64	66	63	66	70	66	66	65	66	68	66	66	66	66	69	69	69	66	63	66	67	69	70	71	68	68	66.0			
WEST CENTRAL ASHLAND	MAX	90	83	90	91	90	91	92	93	91	90	93	93	88	92	93	87	90	91	89	91	81	89	90	89	90	88	91	90	91	85	89	89.7		
	MIN	60	60	62	70	62	67	62	64	67	70	63	67	67	69	69	68	65	69	68	69	68	69	68	69	67	70	70	71	67	70	66.5			
	MAX	92	86	92	93	93	94	95	95	94	93	95	95	91	93	94	87	91	92	94	93	92	94	93	87	85	91	92	93	87	93	91.5			
	MIN	65	62	66	72	64	66	64	66	67	70	69	69	67	68	69	67	65	67	65	72	70	72	70	65	66	70	72	70	68	70	68.0			
	MAX	91	84	91	92	90	92	94	95	94	93	92	90	95	93	92	90	90	93	90	92	90	92	85	86	90	91	92	91	90	85	92	90.8		
MIN	62	58	64	73	62	65	63	64	65	69	69	68	65	67	69	70	67	65	64	68	66	71	67	62	63	67	70	69	73	68	70	66.5			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
JUNE 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
05	NATCHITOCHES	MAX 92	85	93	94	94	95	98	98	95	92	97	95	91	93	97	95	90	90	92	91	92	85	79	90	92	94	90	94	85	91	92	89.2
	MIN 64	63	64	71	68	68	70	69	70	71	72	68	70	72	71	67	67	69	72	72	72	68	66	68	71	71	71	73	69	70	70	69.2	
	MAX 92	87	92	94	94	94	95	95	93	93	95	95	90	91	92	92	86	91	93	94	94	89	87	92	93	94	85	89	82	90	91.4		
	MIN 66	62	62	69	66	70	64	65	66	63	70	69	67	68	67	67	66	66	71	69	72	70	66	65	69	72	68	72	67	69	67.6		
	MAX 93	88	93	95	96	95	95	96	95	94	97	90	88	92	92	92	82	90	92	93	95	87	85	91	90	93	85	87	84	87	90.9		
	MIN 69	68	67	74	67	69	70	69	71	73	71	70	69	70	70	67	66	68	72	72	69	69	68	70	73	75	71	73	70	70	70	70.0	
	MAX 95	88	93	95	97	95	97	98	96	97	97	95	90	93	95	95	93	90	93	93	95	87	88	91	94	95	89	85	81	92	92.4		
	MIN 68	62	55	60	65	67	69	63	69	74	69	67	69	69	70	67	65	64	66	71	72	67	66	64	67	71	74	71	69	73	67.4		
	MAX 87	93	94	94	92	98	97	94	95	96	94	88	96	93	93	86	90	91	92	92	87	87	90	93	94	88	90	85	89	92	91.7		
	MIN 64	59	69	67	69	72	72	70	68	68	70	74	71	64	66	64	69	73	72	65	66	66	64	71	70	60	72	67	65	60	67.7		
06	BUNKIE	MAX 94	89	91	95	95	96	96	97	95	95	96	95	92	87	93	93	82	88	91	92	93	90	85	90	93	93	81	87	87	89	91.7	
	MIN 71	64	65	70	69	69	71	74	71	73	68	71	70	73	67	72	71	70	68	69	72	72	71	70	68	69	72	73	75	71	71	70.3	
	MAX 91	94	91	92	94	94	94	95	92	95	95	93	91	92	88	89	91	93	93	91	89	92	93	91	85	78	89	91	91	91	91.3		
	MIN 72	65	70	71	70	69	69	69	74	71	69	68	70	71	69	68	72	73	68	72	73	68	68	68	72	73	72	73	71	70	70	70.2	
	MAX 93	87	94	95	95	93	95	96	95	95	96	95	94	80	87	91	94	80	87	90	92	92	83	89	91	92	83	87	85	87	90.4		
	MIN 71	68	67	68	69	70	71	72	73	74	70	69	70	72	71	67	68	68	72	73	68	68	68	68	72	73	72	73	71	70	70	70.2	
	MAX 92	86	92	94	95	94	95	95	93	93	94	93	89	85	91	91	81	89	91	91	92	87	85	92	92	92	88	88	84	87	90.4		
	MIN 70	64	69	71	68	67	68	68	69	72	70	71	70	69	67	67	68	73	72	74	70	68	70	68	69	73	74	71	72	70	69.9		
	MAX 95	95	93	94	96	95	95	96	96	96	97	95	95	95	93	90	96	94	95	93	89	92	94	95	95	95	86	87	92	92	93.6		
	MIN 75	71	75	72	73	73	74	74	72	73	74	73	73	72	73	71	69	74	77	75	72	73	73	70	72	76	73	75	71	72	73	73.0	
06	MELVILLE	MAX 93	89	94	93	93	93	95	94	94	95	94	94	95	92	93	93	82	88	90	92	93	91	90	91	93	93	81	85	86	90	91.4	
	MIN 73	65	72	71	71	69	70	69	70	70	70	68	70	68	70	75	67	70	72	72	73	72	70	72	70	72	73	72	72	71	72	70.6	
	MAX 93	89	94	93	94	94	93	93	95	96	95	96	94	94	89	90	92	84	88	91	92	88	89	90	95	93	84	89	86	88	91.6		
	MIN 72	67	69	71	70	71	69	73	72	74	75	71	70	70	69	74	66	68	69	73	72	70	71	70	72	72	71	72	71	70	70	70.8	
	MAX 92	87	92	92	93	93	92	94	93	92	94	96	95	92	95	96	88	87	90	91	91	87	82	89	92	92	91	82	84	89	90.8		
	MIN 73	69	70	68	67	66	69	68	69	69	69	69	70	69	70	72	66	67	66	69	65	68	69	69	72	72	68	72	68	71	69.0		
	MAX 93	85	92	94	91	91	96	98	95	94	96	93	88	90	95	93	87	90	90	85	84	89	87	92	92	90	89	89	87	87	90.6		
	MIN 66	59	67	72	65	63	66	65	68	70	67	66	67	66	67	66	66	66	67	69	69	67	63	65	69	70	70	71	68	68	66.8		
	MAX 92	95	96	94	95	97	96	96	96	94	96	94	92	86	93	92	84	88	91	92	88	89	89	90	95	93	84	89	86	88	91.6		
	MIN 62	62	64	66	66	68	68	68	68	70	67	68	66	67	67	65	64	64	69	68	68	67	64	65	67	66	68	67	67	67	66.5		
06	EAST CENTRAL	MAX 95	93	95	93	95	96	97	98	98	98	97	99	96	91	96	94	87	92	94	92	95	92	90	93	94	92	90	85	88	91	93.5	
	MIN 70	67	67	72	70	71	64	65	64	64	72	73	70	70	67	68	67	68	67	72	74	68	69	69	68	70	70	73	70	71	69.0		
	MAX 91	94	94	95	95	95	95	96	96	96	96	95	95	95	95	95	88	91	92	96	94	93	93	93	93	89	86	84	88	91	93	92.6	
	MIN 75	70	74	76	73	72	70	72	73	76	76	75	73	73	70	68	71	71	77	74	71	72	74	72	71	72	71	73	72	74	73	72.6	
	MAX 96	91	93	92	93	95	93	95	95	97	95	96	95	90	93	95	90	91	93	93	95	90	89	92	93	92	80	80	90	91	92	91.1	
	MIN 71	67	71	73	68	64	63	64	68	73	75	75	68	68	69	74	70	69	68	71	72	68	69	71	74	71	70	70	70	70	69.8		
	MAX 91	88	91	91	92	93	93	94	93	92	94	93	92	94	93	87	92	83	88	89	92	93	90	87	90	90	86	86	86	89	90.4		
	MIN 71	66	70	70	72	67	65	65	69	70	72	69	67	66	67	65	67	66	69	70	66	69	68	68	68	68	69	70	69	71	70	68.4	
	MAX 92	91	92	94	95	96	94	96	94	98	97	93	93	92	92	92	91	92	94	93	94	92	88	90	92	89	87	88	90	94	92.4		
	MIN 70	68	70	70	70	62	61	63	67	74	70	72	69	66	67	69	67	65	67	65	72	66	68	68	69	70	68	70	68	68	68	68.2	
06	FRANKLINTON 3 SW	MAX 93	95	96	99	95	97	97	96	97	97	97	97	97	93	92	94	88	91	96	93	96	90	95	95	94	88	86	91	97	93	93.9	
	MIN 69	65	70	71	69	62	61	63	68	73	72	67	68	67	66	69	67	65	69	67	65	65	69	68	65	67	68	69	67	69	67.5		
	MAX 92	94	92	91	95	92	95	96	95	95	97	96	94	92	91	97	92	93	94	93	93	94	85	84	92	91	87	85	84	87	88	91.4	
	MIN 71	66	69	69	70	63	63	65	66	70	72	71	70	67	66	69	65	67	66	72	73	67	69	69	69	69	72	69	72	69	69	68.4	
	MAX 92	92	93	92	94	95	95	96	98	98	96	98	98	95	98	91	87	90	93	92	93	91	88	92	91	90	87	82	88	90	92.5		
	MIN 69	65	70	69	69	62	61	64	66	73	71	71	70	67	66	71	64	67	65	75	73	67	69	68	69	69	67	72	68	69	68.2		
	MAX 94	91	94	93	93	94	95	93	94	93	94	95	93	91	92	92	87	88	90	93	91	89	92	93	91	89	92	81	89	91	91.3		
	MIN 70	63	69	68	77	65	65	65	69	72	69	69	69	69	69	67	65	67	67	70	74	68	69	68	68	70	73	70	70	70	68.8		
	MAX 94	92	92	93	95	91	92	97	93	94	95	94	92	93	94	91	90	92	92	91	90	92	91	92	91	86	97	90	92	93	92.1		
	MIN 70	70	72	72	72	65	65	67	77	76	74	74	70	68	74	70	69	69	69	72	70	69	71	69	71	72	74	70	70	69	70.7		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
JUNE 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SOUTHWEST 07	CROWLEY EXP STATION	MAX 72	89	95	88	91	93	95	96	95	93	95	92	89	92	94	93	85	89	90	90	90	90	90	92	93	91	79	83	87	90	90.7	
	MIN	72	67	72	71	71	70	71	72	71	76	74	71	71	69	69	74	66	70	73	73	71	71	71	71	74	72	70	70	73	71.3		
	DE QUINCY 4 N	MAX	93	89	91	92	94	95	94	94	92	96	95	91	93	92	90	88	90	93	91	92	91	86	93	93	86	93	88	90	91.4		
	MIN	64	63	67	60	67	69	64	66	66	68	70	61	63	67	63	67	63	67	70	71	70	68	67	68	70	73	70	72	68	70	67.7	
	DE RIDDER	MAX	90	86	91	90	93	93	94	93	93	91	93	93	80	90	91	90	85	90	92	95	93	93	85	91	90	91	85	89	82	89	90.0
	MIN	67	63	69	70	67	69	66	67	66	71	71	70	67	67	69	69	67	67	71	73	70	70	65	66	70	72	69	72	67	70	68.6	
	ELIZABETH	MAX	92	87	92	92	92	93	95	94	93	93	94	91	91	92	90	86	88	90	91	92	89	87	91	92	90	87	89	87	81	89	90.4
	MIN	68	63	68	71	69	66	69	67	69	71	69	70	69	69	69	69	66	68	68	69	67	67	67	67	67	70	73	69	72	68	70	68.7
	HACKBERRY 8 SSW	MAX	90	88	89	89	89	91	90	89	89	90	90	89	89	90	89	88	87	89	89	90	89	89	88	90	90	89	83	86	84	88	98.7
	MIN	71	71	74	74	74	74	72	73	78	73	75	74	72	74	78	73	69	74	76	71	74	74	75	70	72	68	73	67	76	73	73	90.3
JENNINGS	MAX	93	87	94	90	92	92	96	95	94	92	95	95	92	93	93	93	85	88	90	93	90	91	86	90	90	90	85	87	91	90.0		
MIN	71	68	69	73	71	71	71	71	72	73	73	74	73	71	71	73	67	69	70	74	70	72	71	71	71	70	71	70	71	70	71	71.0	
LAKE CHARLES WSO AP	MAX	88	90	89	91	93	91	91	90	91	92	91	90	89	90	90	87	90	89	88	90	89	88	90	90	89	82	84	80	88	90	89.0	
MIN	71	67	71	75	72	73	73	72	73	72	74	71	70	71	73	70	69	71	75	74	73	73	71	73	73	72	73	70	70	74	71	71.8	
OBERLIN FIRE TOWER	MAX	91	88	93	91	94	95	95	94	95	94	95	92	90	92	90	90	87	90	92	91	92	91	86	91	93	93	82	87	82	89	91.0	
MIN	70	65	71	72	69	69	70	69	69	72	71	70	68	69	70	69	70	67	69	72	71	68	70	69	69	72	71	70	73	68	72	69.8	
ROCKEFELLER WL REFUGE	MAX	94	90	93	92	92	97	95	95	95	94	95	96	92	94	95	93	93	91	93	94	94	94	92	94	90	89	89	89	98	91	92.6	
MIN	72	70	71	75	73	74	71	71	75	74	75	74	73	74	73	74	76	68	71	73	75	73	74	74	74	71	73	71	69	70	76	72.8	
VERMILION LOCK	MAX	91	89	91	89	90	94	91	93	90	92	94	95	95	91	90	93	89	90	90	92	92	91	93	93	91	91	87	86	88	93	91.1	
MIN	73	69	70	73	73	71	71	72	73	73	73	74	74	74	71	72	73	66	65	69	73	71	70	72	70	73	72	73	74	72	73	71.6	
SOUTH CENTRAL 08	CARVILLE 2 SW	MAX	95	91	94	94	94	93	95	94	95	96	95	92	94	93	92	89	90	90	90	93	93	92	94	94	88	85	81	87	90	91.9	
	MIN	72	68	72	72	73	74	68	70	71	73	76	80	78	73	75	70	65	69	71	70	73	69	70	69	70	73	70	71	70	73	71.6	
	FRANKLIN 3 NW	MAX	93	93	91	91	94	95	93	94	94	91	92	88	90	91	92	88	90	92	92	92	92	92	91	93	89	81	88	90	92	91.1	
	MIN	73	73	73	73	76	71	72	70	74	76	73	72	72	72	72	67	67	68	68	75	73	70	71	73	74	69	73	73	75	77	79	
	JEANERETTE EXP STN	MAX	96	91	93	92	91	93	93	93	93	95	94	91	91	91	90	86	90	92	93	92	90	91	91	90	89	81	84	86	89	90.8	
	MIN	74	68	71	71	72	71	69	70	70	73	74	71	74	70	71	65	68	69	73	72	69	70	70	72	71	70	70	71	72	70	70.7	
	LAFAYETTE FAA AP	MAX	89	93	91	92	93	94	94	93	93	94	95	92	93	93	91	89	95	90	90	91	90	86	90	90	89	86	88	92	91	91.7	
	MIN	71	66	71	71	73	70	73	70	73	70	73	76	73	70	71	68	73	72	75	71	70	71	72	71	72	73	74	73	72	71	71.7	
	MORGAN CITY	MAX	93	91	92	90	89	93	92	93	91	91	92	93	90	91	90	88	90	90	93	90	90	91	90	92	91	90	86	89	89	90.7	
	MIN	75	74	73	73	73	73	72	73	72	74	75	74	75	74	72	74	68	70	70	71	73	71	72	70	73	70	70	73	75	75	72.3	
NEW IBERIA 5 NW	MAX	93	90	92	92	93	94	94	94	94	96	94	93	94	91	90	87	89	91	93	93	91	93	91	91	90	80	83	88	90	91.3		
MIN	74	70	73	72	75	71	71	70	71	72	71	72	72	72	73	72	65	67	70	73	73	71	72	72	71	70	72	70	70	70	71.2		
SOUTHEAST 09	800THVILLE WSCMO CI	MAX	91	89	91	91	89	86	90	93	93	92	93	90	89	90	93	86	88	90	90	93	90	89	88	88	84	87	89	91	89.7		
	MIN	77	76	77	78	77	78	76	74	77	76	79	79	74	77	77	72	73	76	78	78	76	74	76	76	74	71	71	74	80	80	75.9	
	DELTA-BRETON WL REF	MAX	83	90	85	88	86	88	85	89	87	86	89	90	86	86	89	88	86	87	90	89	86	89	87	88	85	81	85	85	85	86.9	
	MIN	75	77	76	76	78	75	72	74	73	72	78	79	77	76	74	73	75	74	70	77	78	75	74	70	75	70	72	72	78	79	75.0	
	DONALDSONVILLE	MAX	93	90	92	90	90	89	94	95	92	93	95	92	92	92	92	88	90	90	92	92	91	90	92	91	93	92	82	88	92	90.8	
	MIN	76	73	75	74	71	71	72	72	72	72	73	76	73	76	73	74	70	71	72	70	74	70	70	72	71	73	73	73	73	73	73.0	
	GOLDEN MEADOW	MAX	93	92	90	92	94	93	94	93	94	93	94	92	90	90	93	92	90	93	94	91	93	93	90	90	86	87	90	91	94	91.9	
	MIN	75	76	72	74	73	72	70	71	72	70	71	72	74	75	70	73	72	69	69	67	74	72	73	72	71	70	70	74	74	74	72.2	
	HOUMA	MAX	91	92	92	90	92	95	93	93	92	92	94	95	91	92	92	91	91	91	94	91	91	92	92	91	88	84	88	89	90	91.5	
	MIN	74	75	74	75	74	75	74	70	69	71	74	74	72	74	69	73	68	71	69	75	74	71	69	72	74	71	71	71	73	75	72.3	
LOUISIANA NATURE CTR	MAX	93	90	90	89	92	92	91	94	92	93	94	95	95	93	94	94	89	93	90	95	95	92	91	90	85	85	85	90	92	91.6		
MIN	75	73	72	72	70	68	70	69	69	73	77	77	73	74	69	69	72	69	70	71	75	71	70	70	72	72	71	73	72	74	71.5		
NEW ORLEANS WSCMO AP	MAX	92	92	90	92	93	91	93	93	94	92	93	93	93	92	92	88	89	91	92	93	91	91	90	91	87	82	90	90	92	90	91.0	
MIN	77	77	71	71	71	71	68	68	68	74	75	76	73	72	72	69	66	69	69	74	70	71	69	70	69	72	76	75	76	72	72.0		
N O AOBON WSO CI	MAX	91	91	91	92	93	92	93	92	93	92	94	92	92	92	92	87	91	92	90	91	92	90	91	91	90	89	85	86	89	90	91.0	
MIN	79	80	78	78	81	75	75	74	75	81	80	78	75	73	77	73	73	76	76	79	76	79	76	75	75	76	75	78	75	75	76	76.5	
PARADIS 7 S	MAX	93	91	90	92	93	94	93	94	93	94	93	93	93	90	88	90	93	93	94	95	91	93	91	91	87	85	87	88	91	92	91.5	
MIN	74	75	71	72	73	70	67	66	69	74	76	74	75	67	70	67	66	69	75	71	70	71	69	71	69	71	71	71	73	72	72	71.0	
SEE REFERENCE NOTES FOLLOWING STATION INDEX																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
JUNE 1982

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PLAQUEMINES EXP STN	MAX	94	90	90	93	94	91	94	92	94	94	96	94	94	93	91	93	89	93	95	95	92	95	95	88	90	98	90	91	92	94	92	8	
	MIN	78	74	76	75	76	76	78	69	74	74	73	76	75	71	71	73	68	72	78	73	74	73	72	74	75	70	75	70	70	78	76	73	9
RESERVE	MAX	94	92	92	89	94	95	93	94	94	93	95	95	92	92	93	91	91	89	95	93	93	90	90	91	91	92	92	91	92	90	90	92	3
	MIN	73	71	72	74	72	73	68	69	72	74	74	74	70	67	72	73	66	71	74	72	70	71	73	68	68	72	72	68	68	75	71	2	
SAINT BERNARD	MAX	92	91	92	95	91	90	93	95	96	95	97	95	95	95	94	92	93	94	95	93	94	91	91	91	90	88	88	94	95	95	95	0	
	MIN	77	76	75	77	77	73	70	72	75	78	78	77	78	69	74	70	69	72	73	77	75	72	75	71	73	73	73	76	73	76	74	4	
THIBODAUX 4 ESE	MAX	92	92	91	89		93	94	92	92	94	95	93	92	92	91	90	90	92		94	92	92	92	92					88	90	91	7	
	MIN	73	70	71	72		69	68	65	68	72	72	70	71	67	69	70	66	69		67	67	63	63	71					69	72	72	6	

DAILY SOIL TEMPERATURES

LOUISIANA
JUNE 1982

STATION		DEPTH	TIME	DAY OF MONTH																															AVERAGE
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LOUISIANA NORTHWEST RED RIV VALLEY EXP STN	(IN)	4MAX	96	92	93	96	93	96	96	96	95	93	94	93	91	93	96	95	88	93	95	89	94	92	89	90	92	92	90						92.4
		4MIN	78	77	77	80	79	79	80	80	81	81	81	81	81	80	81	80	76	76	78	79	78	78	76	76	76	76	77	78	76	75		78.4	
		4MAX	96	95	95	96	91	94	96	96	97	95	93	90	84	88	90	91	81	86	87	86	97	86	97	85	86	89	91	86	89	83	84	90.6	
		4MIN	81	78	78	80	78	78	79	80	81	83	79	77	76	76	78	76	76	74	74	77	77	77	77	75	75	77	76	78	78	77	77	77.6	
NORTH CENTRAL CALHOUN EXP STATION	(CM)	10MAX	97	96	98	98	93	94	97	99	99	98	92	94	84	91	90	93	82	91	91	91	94	91	90	92	95	93	94	88	82	82		92.3	
		10MIN	81	79	77	81	79	78	78	78	81	83	84	80	79	76	77	78	78	77	75	75	79	77	76	76	79	80	79	77	75	75	75	78.1	
		4MAX	97	96	97	98	94	96	97	98	98	97	94	93	93	92	94	96	82	87	89	89	93	84	83	89	91	92	88	86	83	80		91.5	
		4MIN	83	82	81	86	84	83	84	84	84	81	80	79	80	80	81	77	77	77	77	77	81	77	76	77	79	80	80	79	77	77	77	80.3	
WINNSBORO	(IN)	4MAX	95	94	94	95	95	95	95	97	97	96	95	91	87	91	95	93	81	90	92	89	95	82	85	91	92	94	86	86	82	80		91.0	
		4MIN	82	80	78	82	82	80	79	81	82	84	80	80	79	78	80	81	78	77	76	80	80	78	77	75	78	80	81	79	79	78	79.5		
		4MAX	100	99	98	100	101	103	101	103	99	99	102	101	93	91	94	96	87	93	98	98	101	88	87	98	99	100	86	88	83	88		95.8	
		4MIN	77	76	76	78	79	78	79	79	80	79	80	81	76	75	76	75	74	74	75	78	79	76	74	74	76	76	75	73	73	73	76.6		
CENTRAL LSU OGAN LEE EXP STN	(IN)	4MAX	99	95	97	98	98	100	101	99	98	98	96	90	85	93	93	83	90	94	90	96	86	83	92	95	96	85	85	84	84		92.8		
		4MIN	81	79	79	81	82	82	82	84	83	81	82	77	77	79	78	75	75	76	79	79	77	77	76	75	78	80	78	78	77	76	78.9		
		4MAX	94	92	93	94	96	97	96	98	96	97	96	99	97	88	95	96	84	86	-	92	92	91	86	90	94	89	89	80	83	85		91.9	
		4MIN	81	79	78	81	81	82	81	82	81	84	84	86	82	80	80	81	76	76	-	76	80	78	78	78	79	76	77	76	76	77	79.6		
EAST CENTRAL CLINTON 5 SE	(IN)	4MAX	96	99	95	94	97	98	97	97	97	98	97	97	90	97	92	85	90	97	95	97	92	88	92	92	86	87	83	84	87		93.1		
		4MIN	80	81	81	77	75	77	77	79	80	80	82	82	82	76	76	78	72	76	78	81	80	75	75	76	76	76	75	75	76	77.7			
		4MAX	102	101	101	89	97	102	103	105	104	101	103	100	98	98	103	103	91	92	94	95	101	97	96	103	105	103	83	84	87	90		97.7	
		4MIN	80	78	77	78	76	76	79	80	82	82	83	78	79	78	78	81	76	75	75	78	77	78	79	78	81	80	76	76	77	76	78.2		
SOUTHWEST CROWLEY EXP STATION	(IN)	4MAX	88	94	93	88	90	94	95	92	92	92	89	91	88	88	87	89	85	86	92	89	82	83	87	89	86	86	79	77	81	82		87.8	
		4MIN	79	79	79	80	79	79	79	79	79	79	80	80	80	78	78	79	77	76	78	78	76	75	79	75	76	75	74	74	74	75	77.6		

STATION-NAME	SOIL TYPE	SOIL COVER	SLOPE	UNITS
CALHOUN EXP STATION	RUSTON FINE SANDY LOAM	BARE	0%	F
CLINTON 5 SE	BUFF TERRACE	BARE	0.1% TO S	F
CROWLEY EXP STATION	COASTAL PRAIRIE	BARE	0%	F
HAMMOND 5 E	FINE SANDY LOAM	BARE	0%	F
HOUNA	MOON SILT CLAY LOAM	BARE	0%	F
LSU OGAN LEE EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
RED RIVER VALLEY EXP STA	RED RIVER ALLUVIAL	BARE	0%	F
ROSEPINE EXP STA	FINE SANDY LOAM	BARE	0%	F
SAINT JOSEPH EXP STA	SHARKEY CLAY	BARE	0%	F
WINNSBORO	BLUFF TERRACE	BARE	0%	F

EVAPORATION AND WIND

LOUISIANA
JUNE
1982

STATION		DAY OF MONTH																															TOTAL OR AVG
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LOUISIANA NORTHWEST 01 RED RIV VALLEY EXP STN	WIND	31	17	42	52	38	36	45	44	57	50	43	43	14	25	50	97	22	14	20	17	26	22	9	10	10	27	30	32	31	25	979	
	EVAP	27	25	27	32	25	28	32	36	35	30	25	26	17	23	34	40	14	23	26	14	24	12	18	23	21	24	22	25	4	18	7.30	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
NORTH CENTRAL 02 CALHOUN EXP STATION	WIND	53	27	16	19	39	19	15	10	22	19	20	27	7	17	54	15	12	14	14	11	13	9	7	6	15	11	18	15	8	539		
	EVAP	36	-	24	29	30	25	27	31	32	29	-	-	12	21	25	-	18	24	15	27	-	16	24	19	-	16	21	-	13	-	M	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
NORTHEAST 03 SAINT JOSEPH EXP STN	WIND	69	32	39	63	80	41	31	31	52	73	44	32	45	18	40	93	35	16	17	22	19	18	17	14	14	31	46	59	64	25	1180	
	EVAP	34	43	20	38	36	34	24	39	23	38	33	24	20	18	24	29	23	30	18	11	24	15	13	23	40	11	13	7	6	7.208		
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
EAST CENTRAL 06 LSU BEN-HUR EXP STN	WIND	30	24	17	26	21	21	33	15	22	43	25	33	43	20	15	37	27	21	23	17	20	23	22	16	19	19	20	27	41	17	733	
	EVAP	38	26	21	32	32	13	-	-	39	32	30	33	31	19	*	55	24	20	*	55	23	21	29	29	29	20	14	7	29	17	7.508	
	MAX	104	100	102	105	102	103	104	102	102	100	101	102	99	97	-	103	87	98	99	-	103	100	98	102	103	95	87	87	93	94	99.0	
	MIN	77	72	76	75	76	75	70	70	70	75	74	76	75	74	72	-	73	68	69	74	-	77	73	73	74	74	73	75	75	75	73.7	
SOUTHEAST 09 HOUMA	WIND	30	67	41	26	37	35	22	15	31	34	28	35	44	41	23	44	46	20	23	16	12	23	27	29	20	26	33	27	53	34	905	
	EVAP	20	29	22	12	31	30	27	17	19	42	19	31	28	25	21	22	8	21	32	23	14	22	-	27	17	20	-	17	22	23	6.608	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

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[illegible]

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SEE REFERENCE NOTES FOLLOWING STATION INDEX

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- * Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
- V Includes total for previous month(s). (See * above)
- // Gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)
- 8 Adjusted monthly value (estimated)
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. (1-7 missing values for Wind and Evaporation). M appears alone if 10 or more daily values are missing, (8 or more for Wind and Evaporation).
- R Amounts from recording gage.
- T Trace. An amount too small to measure.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- J Station also published as a Local Climatological Data publication.
- H Observations appear in "Snowfall and Snow on Ground" table.
- MID Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- DC Gage readings vary from a few weeks to several months.
- W Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE THRU:
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ATTN: PUBLICATIONS

SPECIAL WEATHER SUMMARY

Dr. Robert A. Muller
 State Climatologist
 Department of Geography and Anthropology
 Louisiana State University
 Baton Rouge, LA 70803-4105

June 1982 in Louisiana . . .

Above Normal Rainfall Northeast and Below Normal Southeast

Highlights:

Preliminary June 1982 mean monthly temperatures were generally below normal over northern Louisiana and above normal over the southern portion of the State. Rainfall was much above normal over north central and northeast Louisiana and below normal over much of southern Louisiana.

Analysis of Synoptic Weather Types for June

The atmospheric circulation patterns for June persistently produced frontal activity and frequent rainfall along the East Coast and especially over Florida, and over much of the Great Plains. Fair weather associated with Canadian-style high pressure systems covered much of the Great Lakes region, the Midwest, and the Mississippi River valley. Nearly stationary weak cool fronts reached into and across Louisiana from the north more often than usual this June, with the fronts even reaching out over the northern Gulf of Mexico from time to time.

The preliminary analysis of synoptic weather types over southeastern Louisiana for June, 1982, shows the following frequencies, with the 20-year average for 1961-1980 included for comparison. Average frequencies for July are also shown.

SYNOPTIC WEATHER TYPES

	June <u>1982</u>	<u>1961-80</u>	July <u>1961-80</u>
Pacific High (PH)	0	0	0
Continental High (CH)	25	19	6
Frontal Overrunning (FOR)	7	7	3
Coastal Return (CR)	5	12	12
Gulf Return (GR)	33	25	20
Frontal Gulf Return (FGR)	22	10	7
Gulf High (GH)	8	23	40
Gulf Tropical Disturbance (GTD)	0	4	11

	June 1982	1961-80	July 1961-80
Continental Index (CH+FOR)	32	26	9
Tropical Index (CR+GR+FGR+GH+GTD)	68	74	91
Storminess Index (FOR+FGR+GTD)	29	21	21

The data in the table indicates that the Continental High type occurred more frequently than normal, and that the Frontal Gulf Return type, and the Storminess Index, were also above normal. With the more frequent than normal frontal weather over northern Louisiana, the expectable climatic patterns should be for northern Louisiana to be wetter and cooler than normal, and for southern Louisiana to be warmer and drier than normal. The observed patterns are close to these simple generalizations based on synoptic patterns.

June 1982 . . .

Temperature:

Preliminary reports from NOAA National Weather Service indicate that mean monthly temperatures for June 1982 were normal to 1.5 degrees below normal over the northern climatic zones and the upper portions of east central and central Louisiana.

Southwest and west central Louisiana temperature departures were a little above normal to a little below normal. Mean monthly temperatures were 1 to 3° above normal over the southeast. The remainder of the State was normal to 1.5 degrees above normal.

A daily record high temperature was tied at New Orleans Moisant with 94° on the 19th. No record highs or lows were equalled or exceeded at New Orleans Audubon, Shreveport, Baton Rouge, and Lake Charles.

More than normal amounts of energy (electric, gas) were required for cooling over south central, southeast, and parts of east central Louisiana. Normal to below normal cooling degree day indices occurred elsewhere.

Precipitation:

A large area of above normal rainfall occurred over north central and northeast Louisiana. Rainfall totals were between 6 and 12 inches, or about 2 to 8 inches above normal.

A narrow band of above normal rainfall occurred from Reserve to Hammond to Sheridan Fire Tower in east central Louisiana. Rainfall was 2 to 6 inches above normal with amounts ranging from 6 to 11 1/2 inches.

Below normal rainfall occurred over much of the southeast zone, coastal south central Louisiana, the western half of east central Louisiana, and much of Sabine and Natchitoches Parish. Small areas of below normal rainfall occurred in the Lake Charles area, and the Shreveport area. Much of the remainder of the State had normal to a little above normal precipitation.

Some Climate Impacts on the Environment . . .

Combined soil moisture (upper and lower layers) at the end of June was normal to above normal over most of north central, northeast, south central, and parts of southeast and east central Louisiana. Soil moisture was normal to above normal in Washington, and Tangipahoa Parishes, and over St. John the Baptist, St. James, and Ascension Parishes. Elsewhere in the State, soil moisture was half to 3/4 of normal.

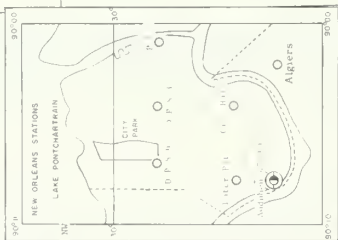
The Mississippi River at Baton Rouge on June 30th was 27.6 feet, which is 11.6 feet above normal, and in New Orleans the stage was 10.9 feet, which is 4.9 feet above normal. The Red River in Shreveport was 22.1 feet, which is 11.7 feet above normal, and in Alexandria it was 23.7 feet, which is 15 feet above normal.

Atmospheric dispersion was poor over much of the State, especially southern Louisiana, during the period of June 7-11th. High pressure aloft and weak surface winds caused an increase in pollutant levels.

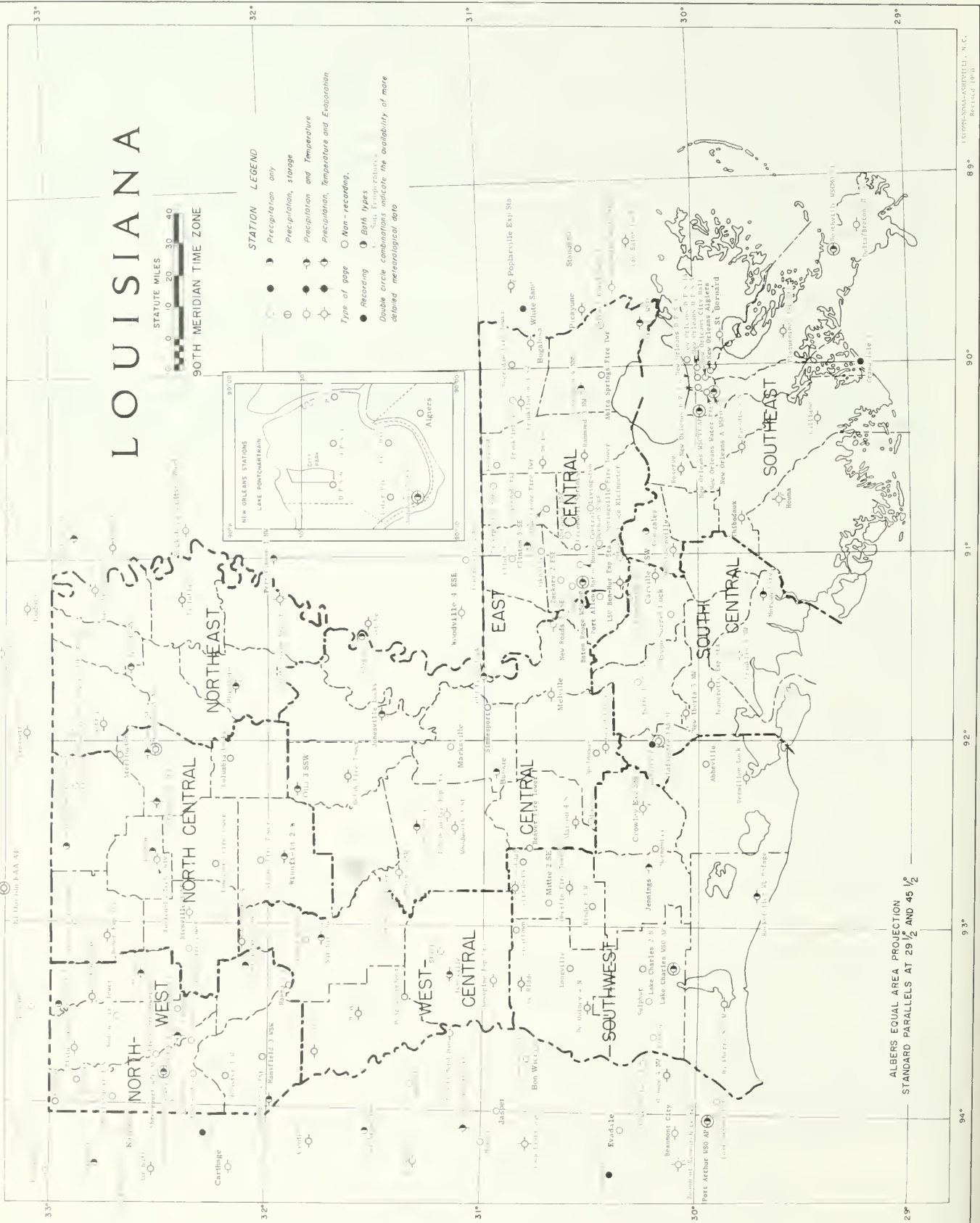
On June 10th, the air quality index in Baton Rouge (measured by Louisiana Department of Natural Resources--Air Quality Division) reached 201 which is considered very unhealthy.

LOUISIANA

STATUTE MILES
0 10 20 30 40
90TH MERIDIAN TIME ZONE



- STATION LEGEND**
- Station only
 - Precipitation only
 - Precipitation, storage
 - Precipitation and Temperature
 - Precipitation, Temperature and Evaporation
 - Type of gage
 - Non-recording
 - Recording
 - Both types
- Double circle combinations indicate the availability of more detailed meteorological data



ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT $29\frac{1}{2}^{\circ}$ AND $45\frac{1}{2}^{\circ}$

CLIMATE PUBLICATIONS AVAILABLE FROM THE NATIONAL CLIMATIC CENTER, ASHEVILLE, N.C.

COMPARATIVE CLIMATIC DATA

Presents tables of monthly and annual averages, totals or extreme climate conditions for approximately 300 major population centers. This publication is particularly helpful for comparing temperature, rainfall, snowfall, wind velocities, sunshine, cloudiness and relative humidities for the principal cities. The cities are listed alphabetically by state in two sections: observed data and climatological normals. This is an annual publication.

STORM DATA

Monthly issue presents a chronological listing, by states, of occurrences of storms and unusual weather phenomena, together with data on the paths of individual storms, deaths, injuries, and estimated property damage, and a brief narrative description of each event. A new section in the bulletin entitled "OUTSTANDING STORMS OF THE MONTH" highlights severe weather and includes descriptive photographs of storms, their tracks, and analyzed maps. The December issue includes annual summaries of tornadoes and lightning and North Atlantic tropical cyclones.

MONTHLY CLIMATIC DATA FOR THE WORLD

Contains monthly means of temperature, pressure, precipitation, vapor pressure and sunshine for about 2,500 surface data stations worldwide. Also contains monthly mean upper air temperatures, dew point depressions and wind velocities for ten standard levels.

LOCAL CLIMATOLOGICAL DATA

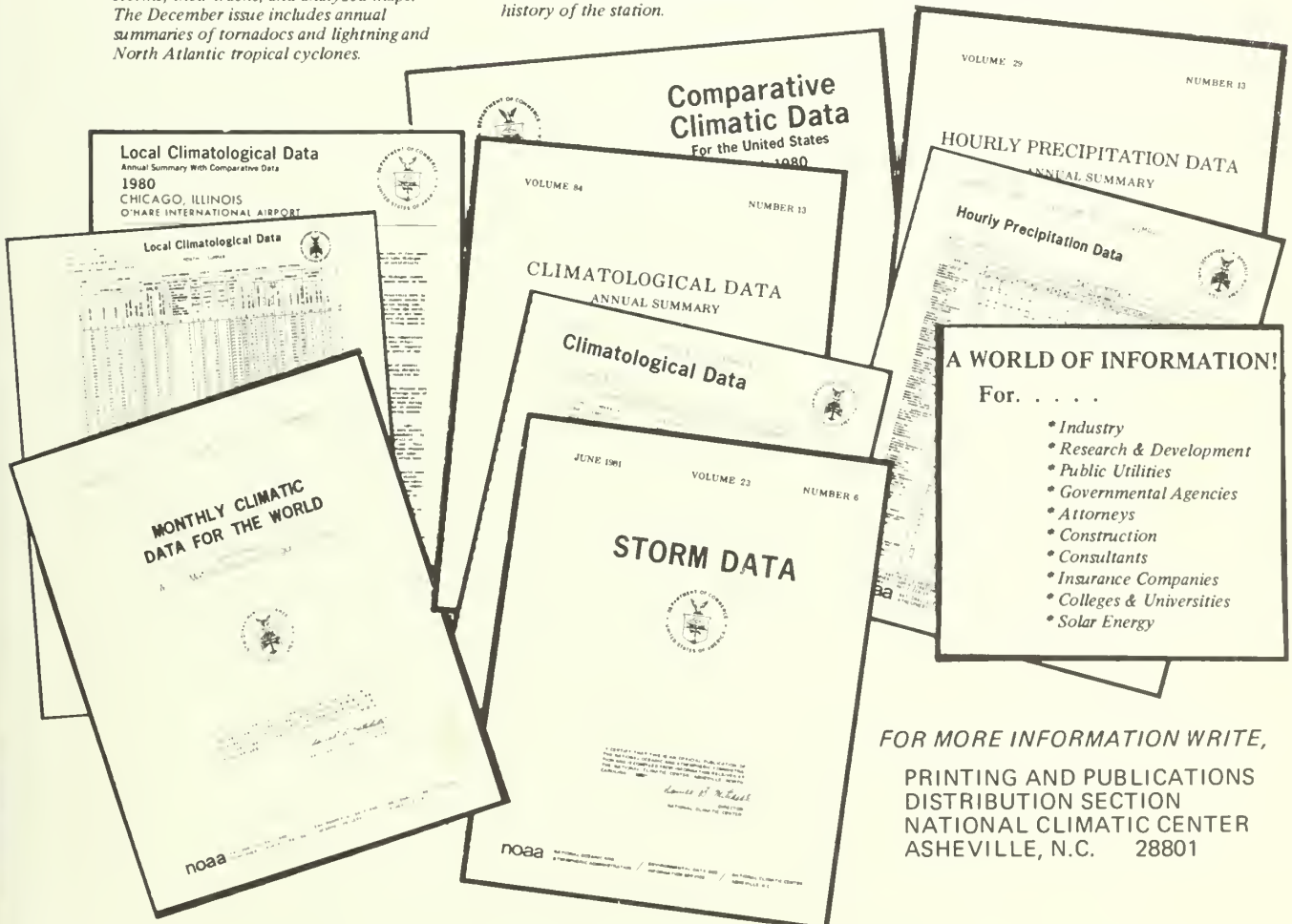
Published monthly for each first-order station. Presents daily maximum and minimum temperatures, degree day data, precipitation, station pressures, wind statistics, sunshine and sky cover data, as well as 3-hourly data for certain parameters. An annual issue is available summarizing monthly data and including up to 40 years record, and featuring a narrative climatological summary and history of the station.

CLIMATOLOGICAL DATA

Published monthly for each state. Gives daily temperature and precipitation records, and monthly averages and totals, with departures from normal when available. Also derived statistics such as heating and cooling degree days, counts of days equaling or exceeding given temperature and precipitation thresholds, extremes, etc., are published for cooperative and first-order stations. Evaporation and soil temperature data are given for reporting stations. Seasonal snowfall, heating and cooling degree day tables included in selected tables. Annual summary also available.

HOURLY PRECIPITATION DATA

Monthly issue presents daily, hourly and maximum short duration data for the recording gage stations for each state except Alaska. The annual issue tabulates monthly and annual totals, and annual maximum precipitation data by selected time categories.



Comparative Climatic Data
For the United States
1980
VOLUME 84
NUMBER 13

Local Climatological Data
Annual Summary With Comparative Data
1980
CHICAGO, ILLINOIS
O'HARE INTERNATIONAL AIRPORT

CLIMATOLOGICAL DATA
ANNUAL SUMMARY

Climatological Data

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DATA FOR THE WORLD**

STORM DATA

Hourly Precipitation Data
ANNUAL SUMMARY

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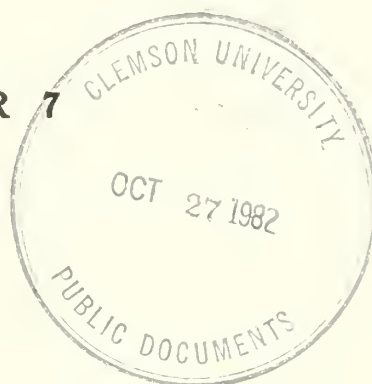
CLIMATOLOGICAL DATA

LOUISIANA

JULY 1982

VOLUME 87

NUMBER 7



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28801

L. Ray Hunt

ACTING DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

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ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

JUL Y	27+
JUL Y	9
JUL Y	7

2 STATIONS TOWER
BELLAH FIRE TOWER
BENEDICTS WSCMO
COVINGTON 4 NMW
AP R

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Because of a change in data processing procedures in January 1982, data for July through December 1981 contains an inconsistency. A - (dash) in the total monthly snowfall column may indicate a Trace (T) amount. Consult the appropriate monthly Climatological Data publication for the correct data. When a Trace amount is the correct entry, and no other dashes appear for the entire season, ignore the M in the total seasonal snowfall amount.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JULY 1982

TEMPERATURE (°F)										PRECIPITATION (IN)												
STATION	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	SNOW	SLEET	NO. OF DAYS
												90 OR ABOVE	32 OR BELOW	0 OR BELOW								
LOUISIANA																						
01																						
NORTHWEST																						
COTTON VALLEY	93.6	71.8	82.7	82.7		9823	7025+	6911	1.3217	0	55830	0	0	0	0	1	1.3217	0	0	0	0	1
LOGANSPOUT 4 ENE	94.4	72.8	83.6	83.6		9824	6911	6911	1.6629	0	58431	0	0	0	0	1	1.6629	0	0	0	0	1
MINDEN	94.0	72.1	81.1	81.1		9823	6915+	6915	1.8823	0	57030	0	0	0	0	1	1.8823	0	0	0	0	1
PLAIN DEALING	92.4	70.0	81.2	81.2		9821	6811	6811	1.3522	0	50929	0	0	0	0	1	1.3522	0	0	0	0	1
RED RIV VALLEY EXP STN	93.3	72.1	82.7	82.7		9823	7023+	7023	1.8419	0	55530	0	0	0	0	1	1.8419	0	0	0	0	1
SHREVEPORT WSO AP	94.0	72.5	83.3	83.3		9822	6911	6911	3.4428	0	57330	0	0	0	0	1	3.4428	0	0	0	0	1
-- DIVISIONAL DATA -----																						
02																						
NORTH CENTRAL																						
BIENVILLE 3 NE	95.1	70.9	83.0	83.0		9919+	6829+	6811	1.7631	0	56630	0	0	0	0	1	1.7631	0	0	0	0	1
CALHOUN EXP STATION	93.2	71.4	82.3	82.3		9723	6811	6811	1.4111	0	54530	0	0	0	0	1	1.4111	0	0	0	0	1
HOMER EXP STATION	93.0	70.2	83.6	83.6		9723	6823	6823	1.6416	0	52730	0	0	0	0	1	1.6416	0	0	0	0	1
MONROE FAA AP	93.3	72.5	83.1	83.1		9711	6811	6811	1.9511	0	56731	0	0	0	0	1	1.9511	0	0	0	0	1
MONROE NLU	93.5	72.5	83.0	83.0		9821	6811	6811	1.7823	0	56431	0	0	0	0	1	1.7823	0	0	0	0	1
RUSTON-LA TECH UNIV	93.9	70.9	82.4	82.4		9823	6723+	6723	1.7823	0	54930	0	0	0	0	1	1.7823	0	0	0	0	1
WINNFIELD 2 W	93.4	70.2	81.8	81.8		9820	6723+	6723	1.5423	0	52930	0	0	0	0	1	1.5423	0	0	0	0	1
-- DIVISIONAL DATA -----																						
03																						
NORTHEAST																						
BASTROP	94.5	74.0	84.3	84.3		110027	6811	6811	1.6631	0	60531	0	0	0	0	1	1.6631	0	0	0	0	1
EPPS 6 NW	93.5	71.7	82.6	82.6		9722	6811	6811	1.2527	0	55331	0	0	0	0	1	1.2527	0	0	0	0	1
LAKE PROVIDENCE	93.0	72.8	82.9	82.9		9823	6811	6811	1.8831	0	56329	0	0	0	0	1	1.8831	0	0	0	0	1
SAINT JOSEPH EXP STN	91.7	72.8	82.2	82.2		9411+	6811	6811	1.9718	0	54028	0	0	0	0	1	1.9718	0	0	0	0	1
TALLULAH	92.4	69.4	80.9	80.9		9521+	6212	6212	1.3211	0	49930	0	0	0	0	1	1.3211	0	0	0	0	1
WINNSBORO	93.6	71.9	82.8	82.8		9821	6611	6611	2.4721	0	56031	0	0	0	0	1	2.4721	0	0	0	0	1
-- DIVISIONAL DATA -----																						
04																						
WEST CENTRAL																						
ASHLAND	93.3	69.3	81.3	81.3		9823	6726	6726	2.3830	0	51229	0	0	0	0	1	2.3830	0	0	0	0	1
CONVERSE	93.1	70.1	81.6	81.6		9821	6711	6711	1.3530	0	52630	0	0	0	0	1	1.3530	0	0	0	0	1
LEESVILLE	93.4	70.9	82.2	82.2		9821	6511	6511	1.4815	0	53830	0	0	0	0	1	1.4815	0	0	0	0	1
MANY	94.3	69.9	82.1	82.1		9821	6911	6911	1.6316	0	58930	0	0	0	0	1	1.6316	0	0	0	0	1
NATCHITOCHES	94.5	73.0	83.8	83.8		9821	6911	6911	1.6316	0	58930	0	0	0	0	1	1.6316	0	0	0	0	1
ROSEPINE EXP STATION	93.6	70.1	81.9	81.9		9621	6714+	6714	1.5215	0	53230	0	0	0	0	1	1.5215	0	0	0	0	1
-- DIVISIONAL DATA -----																						
05																						
CENTRAL																						
ALEXANDRIA	93.9	73.1	83.5	83.5		9724	6911	6911	1.8511	0	58030	0	0	0	0	1	1.8511	0	0	0	0	1
BELOAH FIRE TOWER	94.9	68.8	81.9	81.9		10021	6629	6629	1.7931	0	52831	0	0	0	0	1	1.7931	0	0	0	0	1
BOYCE 3 NW	93.3	72.2	82.3	82.3		9723	6726	6726	1.3526	0	55431	0	0	0	0	1	1.3526	0	0	0	0	1
BUNKIE	94.3	72.2	82.3	82.3		9528	6813+	6813	1.5829	0	57331	0	0	0	0	1	1.5829	0	0	0	0	1
GRAND COTEAU	92.3	72.9	82.6	82.6		9528	6911	6911	1.9029	0	54431	0	0	0	0	1	1.9029	0	0	0	0	1
JONESVILLE LOCKS	92.3	72.9	82.6	82.6		9528	6911	6911	1.9529	0	53830	0	0	0	0	1	1.9529	0	0	0	0	1
LSU DEAN LEE EXP STN	92.4	72.8	82.3	82.3		9528	6811	6811	2.2217	0	54629	0	0	0	0	1	2.2217	0	0	0	0	1
MELVILLE	92.4	72.5	81.4	81.4		9528	6711	6711	1.6617	0	54629	0	0	0	0	1	1.6617	0	0	0	0	1
NEW ROADS 5 ESE	91.8	71.0	81.8	81.8		9528	6715+	6715	1.6617	0	54629	0	0	0	0	1	1.6617	0	0	0	0	1
OLD RIVER LOCK	93.4	70.1	81.8	81.8		9721	6713+	6713	1.6617	0	54629	0	0	0	0	1	1.6617	0	0	0	0	1
OLLALA 3 SSW	93.4	70.1	81.8	81.8		9721	6713+	6713	1.6617	0	54629	0	0	0	0	1	1.6617	0	0	0	0	1
WOODWORTH 2 SE	93.6	69.6	81.6	81.6		9725	6613+	6613	1.6630	0	52330	0	0	0	0	1	1.6630	0	0	0	0	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

LOUISIANA
JULY 1982

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)											
	AVERAGE	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	NO. OF SLEET	NO. OF DAYS	
											90 OR ABOVE	32 OR BELOW	0 OR BELOW									
--DIVISIONAL DATA----->																						
06																						
EAST CENTRAL																						
AMITE	93.7	71.6	82.8	1.2	9629+	67.1	7013+	9629+	0	55831	0	0	0	6.97	-1.33	2.53	1.72	.0	.0	.0	.0	1.00 OR MORE
BATON ROUGE WSO AP	91.4	73.2	82.3	1.2	9533	7013	9926+	9533	0	54629	0	0	0	5.18	-1.33	1.72	1.75	.0	.0	.0	.0	.50 OR MORE
BOGALUS	93.4	71.9	82.7	.6	9428+	67.1	9926+	9428+	0	55431	0	0	0	5.47	-2.57	1.88	1.88	.0	.0	.0	.0	.50 OR MORE
CLINTON 5 SE	92.1	71.1	81.6	.4	9628+	66.8	9628+	9628+	0	51830	0	0	0	3.84	-3.37	3.50	3.50	.0	.0	.0	.0	.50 OR MORE
COVINGTON 4 NNW	92.5	70.6	81.6	.4	9628+	66.8	9628+	9628+	0	51830	0	0	0	3.84	-3.37	3.50	3.50	.0	.0	.0	.0	.50 OR MORE
FRANKLIN 3 SW	93.9	70.1	82.0	.1	9928+	67.1	9928+	9928+	0	53128	0	0	0	7.42	-1.13	2.90	2.90	.0	.0	.0	.0	.50 OR MORE
HAMMOND 5 E	91.7	71.4	81.6	.1	9928+	67.1	9928+	9928+	0	53128	0	0	0	5.76	-1.13	1.57	1.57	.0	.0	.0	.0	.50 OR MORE
HAMMOND 3 NW	92.4	70.9	81.7	.1	9529+	67.1	9529+	9529+	0	53329	0	0	0	5.76	-1.13	1.57	1.57	.0	.0	.0	.0	.50 OR MORE
LSU BEN-HUR EXP STN	92.5	70.5	81.7	.1	9529+	67.1	9529+	9529+	0	53329	0	0	0	5.76	-1.13	1.57	1.57	.0	.0	.0	.0	.50 OR MORE
SLIDELL WSO	91.8	72.5	82.2	.5	9771	67.5	9771	9771	0	53329	0	0	0	9.35	-1.12	2.25	2.25	.0	.0	.0	.0	.50 OR MORE
--DIVISIONAL DATA----->																						
07																						
SOUTHWEST																						
CROWLEY EXP STATION	91.7	72.7	82.2		9529+	6913+	9529+	9529+	0	54025	0	0	0	3.56	-2.56	1.71	1.71	.0	.0	.0	.0	.50 OR MORE
DE QUINCY 4 N	93.0	71.4	82.2		9629+	6713	9629+	9629+	0	54030	0	0	0	4.59	-1.49	1.85	1.85	.0	.0	.0	.0	.50 OR MORE
EL RIDDER	92.8	70.9	82.2		9624+	6714	9624+	9624+	0	52828	0	0	0	5.62	-2.05	1.80	1.80	.0	.0	.0	.0	.50 OR MORE
ELIZABETH	93.4	70.9	82.2		9613	66.1	9613	9613	0	53730	0	0	0	3.07	-2.05	1.52	1.52	.0	.0	.0	.0	.50 OR MORE
HACKBERRY 8 SSW	90.2	74.7	82.5	.7	9429	71.3	9429	9429	0	55020	0	0	0	6.14	-2.05	2.58	2.58	.0	.0	.0	.0	.50 OR MORE
JENNINGS	92.5	72.6	82.6	.1	9529+	7021+	9529+	9529+	0	54931	0	0	0	3.69	-3.45	1.31	1.31	.0	.0	.0	.0	.50 OR MORE
LAKE CHARLES WSO AP	90.5	73.4	82.0	.4	9428	7124	9428	9428	0	54129	0	0	0	7.78	-3.45	1.58	1.58	.0	.0	.0	.0	.50 OR MORE
OBERLIN FIRE TOWER	92.7	71.8	83.3		9628	67.1	9628	9628	0	54129	0	0	0	3.23	-3.45	2.98	2.98	.0	.0	.0	.0	.50 OR MORE
ROCKEFELLER WL REFUGE	92.8	74.8	83.2		9628	67.1	9628	9628	0	54129	0	0	0	3.23	-3.45	2.98	2.98	.0	.0	.0	.0	.50 OR MORE
VERMILION LOCK	91.9	72.4	82.2	.3	9812+	7022+	9812+	9812+	0	53926	0	0	0	5.23	-1.77	1.47	1.47	.0	.0	.0	.0	.50 OR MORE
--DIVISIONAL DATA----->																						
08																						
SOUTH CENTRAL																						
CARVILLE 2 SW	92.3	72.7	82.5	.7	9628	68.1	9628	9628	0	55328	0	0	0	9.64	3.15	1.95	1.95	.0	.0	.0	.0	.50 OR MORE
FRANKLIN 3 NW	91.3	73.8	82.6	.9	9528	7121	9528	9528	0	55128	0	0	0	6.17	-2.31	1.52	1.52	.0	.0	.0	.0	.50 OR MORE
JEANERETTE EXP STN	91.6	73.3	82.0	.1	9831	7021	9831	9831	0	53219	0	0	0	3.44	-4.90	1.67	1.67	.0	.0	.0	.0	.50 OR MORE
LAFAYETTE FAA AP	90.6	73.0	82.0	.4	9776	69.2	9776	9776	0	53326	0	0	0	9.40	1.04	1.36	1.36	.0	.0	.0	.0	.50 OR MORE
MORGAN CITY	91.0	73.0	82.6	.5	9429	7024	9429	9429	0	55031	0	0	0	4.31	-1.70	1.20	1.20	.0	.0	.0	.0	.50 OR MORE
--DIVISIONAL DATA----->																						
09																						
SOUTHEAST																						
BOOTHVILLE WSCMO CI	89.2	76.5	82.9	.3	9228	72.7	9228	9228	0	56015	0	0	0	3.23	1.04	1.93	1.93	.0	.0	.0	.0	.50 OR MORE
DELTA-BRETTON WL REF	91.5	74.1	82.8	.9	9753	70.1	9753	9753	0	56025	0	0	0	6.96	1.04	1.85	1.85	.0	.0	.0	.0	.50 OR MORE
DONALDSONVILLE	91.5	73.5	82.4	.5	9429	68.1	9429	9429	0	54524	0	0	0	9.37	1.04	2.04	2.04	.0	.0	.0	.0	.50 OR MORE
HOUMA	90.9	73.8	81.4	.5	939+	67.1	939+	939+	0	51721	0	0	0	13.07	6.35	1.82	1.82	.0	.0	.0	.0	.50 OR MORE
LOUISIANA NATURE CTR	90.3	72.5	81.4	.5	9543	7022	9543	9543	0	51923	0	0	0	10.37	2.88	1.41	1.41	.0	.0	.0	.0	.50 OR MORE
NEW ORLEANS WSCMO AP	90.7	75.0	81.5	.4	9423+	68.1	9423+	9423+	0	55730	0	0	0	5.38	-3.78	1.84	1.84	.0	.0	.0	.0	.50 OR MORE
N O AOBON WSO CI	91.3	71.7	82.8	.4	974	66.1	974	974	0	57728	0	0	0	6.80	.73	1.55	1.55	.0	.0	.0	.0	.50 OR MORE
PARADIS 7 S	92.5	73.3	82.8	.4	9423+	68.1	9423+	9423+	0	55730	0	0	0	5.38	-3.78	1.84	1.84	.0	.0	.0	.0	.50 OR MORE
PLAQUEMINES EXP STN	92.2	73.3	82.8	.4	9423+	68.1	9423+	9423+	0	55730	0	0	0	5.38	-3.78	1.84	1.84	.0	.0	.0	.0	.50 OR MORE
RESERVE	92.4	74.2	81.3	.2	9527	67.1	9527	9527	0	51729	0	0	0	7.87	.33	1.60	1.60	.0	.0	.0	.0	.50 OR MORE
SAINT BERNARD	91.6	71.1	82.6	.4	9527	67.1	9527	9527	0	51729	0	0	0	7.87	.33	1.60	1.60	.0	.0	.0	.0	.50 OR MORE
THIBODAUX 4 ESE	91.6	71.1	82.6	.4	9527	67.1	9527	9527	0	51729	0	0	0	7.87	.33	1.60	1.60	.0	.0	.0	.0	.50 OR MORE
--DIVISIONAL DATA----->																						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
JULY 1982

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LOUISIANA																
NORTHWEST																
80DCAU FIRE TOWER	2.79	.11														
COTTON VALLEY	1.58	.05								.40					.08	
COUSHATIA 5 S	2.18								.02						.02	
GREEN CANE FIRE TOWER	1.87	.04														
GREENWOOD FIRE TOWER	2.05															.13
HANNA 3 S	.92	.03														.17
HOSSTON	.90															
KEITHVILLE	1.01								.15						.02	
KORAN	2.36	.23													.07	
LOGANSFELD 3 WSW	2.40															
MARTIN FIRE TOWER	2.72													.02		
MINDEN	3.52															
MOORINGSPO 1 N	3.05									.54						.04
PLAIN DEALING EXP STN	2.36									.66						
RED RIV VALLEY	2.64									.06						
ROBSON	2.25	.11								.84						.05
RODESSA	1.30									.24		.01			.01	
SHREVEPORT DOWNTOWN	4.25									.26						
SHREVEPORT WSO AP	1.64								.11	.05		.14			.31	
SPRINGHILL	1.1									T		T				
NORTH CENTRAL																
ANTIOCH FIRE TOWER	5.4	.03								.23			.28			
BIENVILLE 3 NE	2.30	.41	T						.10	.07		.10	.15			
CALHOUN EXPO	1.52									T	.30		.70	.06		
COLUMBIA LOCKS	1.14												.31			
HOMER EXP STATION	1.18									1.70			.96	.04		
JONESBORO FIRE TOWER	4.92								.13	1.02		.04				
MARION	1.21									.17	.01		.15		T	.08
MONROE FAA AP	1.78	.95														
MONROE - LA TECH UNIV	3.63	.15											.68			
RUSSELL FIRE TOWER	2.88												.62			
SPEARVILLE FIRE TOWER	2.43	.67								.50						
STEALINGTON	2.43	1.50											.13			
WINNFIELD 2 W	1.19									.60			.76	.02	.15	.03
WINONA FIRE TOWER	4.45															
NORTHEAST																
NORTROP	2.46	.01								.39			.08			.09
BAPPS 6 NW	3.46	.08								.07		.24	.41			
LAKE PROVIDENCE	1.46															
OAK GROVE 2 WSW	2.97									.10				.22		.20
SAINNT JOSEPH EXP STN	1.38									1.62	.14		.20			.17
STEVENSON FIRE TOWER	3.81	.32								.28			.45			
TALLULAH	4.32	.05														
WINNSBORO	1.4															
WEST CENTRAL																
ASHLAND	3.98	.04							T				.09		.10	.16
CONVERSE	2.92	.90											T	.42	.03	.13
GRAND TOWER	2.74	.92														
GRAND ECORENS	2.74	.01												.13	.48	.68
HODGES	2.47													.40	.50	.30
LEESVILLE	1.42	.31											.33	.31	.82	1.52
MANY	1.42	.15														
MATCHITOCHE	3.61	.02							.01							
ROSEPTINE EXP STATION	5.1															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
JULY 1962

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
LOUISIANA											
NORTHWEST											
BETHANY FIRE TOWER											
BODCAU VALLEY											
COTTON VALLEY											
COUSHATTA S											
GRAND CANE FIRE TOWER											
GREENWOOD											
HANNA S											
HOSSTON											
HEATHVILLE											
KORANSPORT 4 ENE											
LOGANFIELD 3 WSW											
MARTIN FIRE TOWER											
MINDEN											
MORINGSPORT 1 N											
PLAIN RIV VALLEY EXP STN											
REDSOON											
RODESSA											
SHREVEPORT DOWNTOWN											
SHREVEPORT WSO AP											
SPRINGHILL											
NORTH CENTRAL											
ANTIOCH FIRE TOWER											
BIENVILLE 3 NE STATION											
CALHOUN EXP STATION											
COLUMBIA LOCKS											
HOMER EXP FIRE TOWER											
JONESBORO											
MARION FAA AP											
MONROE NLU											
MONROE - LA TECH UNIV											
MUSTON FIRE TOWER											
SAILERSVILLE											
SPEARLINGTON											
WINNFIELD 2											
WINONA FIRE TOWER											
NORTHEAST											
BASTROP											
BAPPS 6 WNW											
LAKE PROVE 2 WSW											
OAK GROVE											
SAINT JOSEPH EXP STN											
STEVENSON FIRE TOWER											
TALLULAH											
WINNSBORO											
WEST CENTRAL											
ASHLAND											
CONVERSE FIRE TOWER											
GORUND ECORE											
GRANDS GARDENS											
HODGESVILLE											
LEESVILLE											
MANTYCH											
MITOCHES											
ROSEPTINE EXP STATION											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
JULY 1982

DAY OF MONTH

TOTAL

STATION

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
05															
CENTRALIA TOWER	.85								1.76				.13		.39
ALEXANDRIA TOWER	.19											.12	.45	T	.09
BEAUFORT TOWER	.30												.15	.15	.07
BOYCE 3 WNW	.10														.14
BEGUN KIE	.60														.12
BONNEVILLE	.11														.04
COTEAU LOCKS EXP STN	.30								.02				.02	.08	T
DEANVILLE	.30												.01	.50	.01
ELIXVILLE	.30												.04		
NEW RIVER 5 ESE	.98														
OLD A 3 SSW	.1														.97
PORT ALBERT	.08														.04
STIMMESPORT	.08														.21
WIDALIA 2 SE	.08	.07							.06				.19	.01	
WOODWORTH 2 SE	.08														
06															
EAST CENTRAL F TWR	.91														.01
AMITE	.97												.02	.08	
BAKETER	.33												.81		
BATON ROUGE CENTRAL	.13												.02		.07
BOYCE WSO AP	.32												.02	.38	1.26
BATON ROUGE WOODLAWN	.07												.17		.25
BATON ROUGE	.34												.28		.13
BATON ROUGE	.07												.68		1.25
BATON ROUGE	.05												.75		.43
BATON ROUGE	.04												.77		.25
BATON ROUGE	.04												.03	.06	.06
BATON ROUGE	.08												.18	.14	.15
BATON ROUGE	.08												.57		.03
BATON ROUGE	.08												.44		.87
BATON ROUGE	.08												.32	T	.30
BATON ROUGE	.08												.64	.33	.08
BATON ROUGE	.08												.03	.01	.18
BATON ROUGE	.08												.57		.33
BATON ROUGE	.08												.06		.58
BATON ROUGE	.08												.06		.75
07															
THWEST	.92												.25	T	T
ABROVILLE X P STATION	.55												.46	.13	.54
ABROVILLE 4 N	.55												.90	.15	.08
CODEVILLE 8 SSW	.55												.54	.65	.11
DELLA 8 SSW	.55												.01	.09	T
HACKBERRY 3 WSW	.55												.49	.09	.06
JACKSON 3 WSW	.55												.15		
KENNER 3 WSW	.55												.15		
LAKES 2 N AP	.55												.15		
LAKES WSO AP	.55												.15		
LONGVILLE	.55												.15		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
JULY 1982

STATION	DAY OF MONTH										
	16	17	18	19	20	21	22	23	24	25	26
05											
CENTRALIA TOWER	.10	.59	T	.04		.14		.07	.07	.02	.75
ALEXANDER FIRE TOWER		.16				.57		.05	.23	.18	.45
880000		.39			.15	.57		.40			1.32
BOYCE 3 WNW	.54			.41		.02	.06	.07	.02		.02
880000	.17		.72	T	.12	.29		.25	.63		.38
GRANDVILLE LOCKS	.89	.64				.18			.37		.23
880000	.33	.45				.77			.05		1.08
MARKSVILLE	1.05	2.22			.05	.36			.04		.08
MELVILLE 5 ESE	.08	.66				.15		.65	.04	.57	1.23
880000	.02	.21	.02			.17					
OLD RIVERS LOCK	.05	.37	.02		.10	.04	.07	.28	.08	.20	.05
880000	.23		2.13			.05		.11			1.19
PORT ALBERT	.18	.03	.86	.01		.01			.01		
880000											
SIMMESPORT											
880000											
WIDALIA 2 SE											
880000											
06											
EAST CENTRAL	.60	.78		.08		.57		.10	.02	.75	.02
880000	.38		.12	.14		.37		.27			.04
AMITE	1.75	.02	.48	.05	T	.22	T		.07		
880000	.10	.05	.10	.10	.36	.01		.21		1.25	T
BOGALTON	1.15	.10	.48		.18	.50	.11	.02			
880000	.08	.08	.38	1.20	.61	.32		.01		.60	.01
CLINTON 5 SE NNW	1.06	.07		.01	.13	.08	.01	.29		.11	.42
880000	.05	.08	1.21	.08		.05		1.01		.11	.62
DEFRANKLIN 3 SW	1.05	.08	1.25		.24	1.57		.36		.10	.44
880000	.15	.02								.01	.58
FRANKLIN 3 SW	1.31	.12	.31		.13	.50		.52	2.00	1.00	.66
880000	.02	.01	.19		.03			.19	.04	.10	.01
HAMMOND 3 ENE	1.76	.01			.24	.29	.01	.85	.85	.56	.30
880000	.07	.42	.10	1.70	.03	2.93		T	.22	.22	.30
KENTWOOD 3 ENE	1.23	.04	.01	.20	T	.74		.05	.22	3.16	T
880000	.40	.03	.01	.04		2.03	T	.05		.04	.30
OAKNOL RIVER FIRE TOWER	.02	.14		1.42	.53	.86		.05	1.11	.21	.78
880000	.07	.70	.05		.08	3.14	T		.25	.95	.08
SHERIDAN FIRE TOWER	.31	.06	.15	.99		.87				T	
880000											
WATSONVILLE											
880000											
07											
SOUTHWEST T	1.05		1.60	.19	T	.03	.24	1.40	1.60	.09	.55
880000		.52	.07	.36		.02	.06				.32
ACRE VALLEY 4 N		.28		.02		.01		.17	1.14		.05
880000		.45		.06		.02		.03	.70		.32
DELANEY 8 SSW	.05	.06		.32		.80		.28	.01	.77	.04
880000	.85	.06	T			.02		.01	.02	.25	.03
HACKBERRY	.10	.03	T	.45	.22	.48		.06	.33		.17
880000								.01	.75		.29
KENNER 3 W											
880000											
LAKE CHARLES											
880000											
LONGVIEW											
880000											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

LOUISIANA
JULY 1982

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MERTIN TOWER	3.49	.10								.04	.10			T	.34	.59
OAKDALE FIRE TOWER	7.27	.24						.45		1.35	T			1.14	.17	
ROCKEFELLER WL REFUGE	3.23	1.20						.33	.70	.46	T			.63	.10	T
SULPHUR	4.59													.20		
VERMILION LOCK	5.29															
SOUTH CENTRAL LOCK	2.39	1.03														
BAYOU CORRELE	1.75	1.21							.50	1.95		.50	.75	.32		.04
BURVILLE	9.64	.02				T	1.20		.10	.02	.07	.05	.58	.73	.02	.32
FRANKLIN 3 NWP STN	6.17								.07	.17	T	.08	.33	.06	T	.16
JEANERETTE FAA AP	3.44								1.25	.02	T	.15	.07	.87		
LAFAYETTE CITY 5 NW	2.49	T			.07						.22	.05	T	.03		
MORGAN CITY 5 NW	9.40	.80					.10			.27	1.20	1.30		1.57		
PLAQUEMINE 2 N	4.37	.30														
SOUTHEAST WSCMO CI	6.77															
BOULLEVILL WSCMO CI	3.23									.30				.44	.12	.18
DELTA-BRETTON WL REF	6.96	.05							1.38	.37	T		.06	.15		1.55
DONALDSONVILLE	9.14	1.00				.41	.41		1.89	.24	.01	.08	.10		.51	.01
GONZALES	9.17							.01	.03	.26		T	.25	1.30		.72
HOUMA	9.37	.01				T	T		.10	1.79	T	1.13	.86	.12	.02	.04
IANA NATURE CTR	13.07	.09		.06		.83	.64	1.41	.02	.75	.63	.09	.36	.56	.07	.13
NEW ORLEANS WSCMO AP	10.89						.16	.26				.09	.78	1.45	.06	.00
NEW ORLEANS SFO CI	5.07	.04			.09		.03		.38		.76	.02	.05	.48	.89	.02
NEW ORLEANS ALGERS 14	7.33	.03					.82	.19	.04		.55		.07	.31	2.40	.69
NEW ORLEANS WATER PLT	8.78	.10			.02		.47	.01		.27		.02	.05	.20	.09	.52
NEW ORLEANS CITY HALL	8.49	.02			.91	.18	.10					.27	.22	.27	.16	.75
NEW ORLEANS CDD P S 3	8.56	.05				.30							.09	.10	.02	.01
NEW ORLEANS CDD P S 6	9.38	.05											.07	.46	.20	
NEW ORLEANS EXP STN	5.38	1.84				.61				.25	.05		.20	1.03	.10	
PLAQUEMINE	3.09	.14			1.60	.02				.85						
RESERVE	6.80															
SATINARD	9.20															
THIBODAUX 4 ESE																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

LOUISIANA
JULY 1982

STATION	DAY OF MONTH													
	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08														
MENTAU SE	.03	.04	.72	.03	.02	.90		.10	1.83	.48	.50	.51	.02	.48
MITTIE	.34	.10	.23	.27		.11		T	.01	.05	2.40	.55	T	.35
OAKERLIN FIRE TOWER	.13	.15	T	T		.25		.17	.02	.16	T	.01		.25
ROCKEFELLER WL REFUGE	.35	.07	.98	T				.15	.20	.15	.04	.65	.95	.48
SULPHUR	.03						.10	.15	1.02	.12		1.47		.23
VERMILION LOCK	.49			.54	.12	.03								.10
09														
SOUTH CENTRAL LOCK		.06					.02				.23	.16	1.00	
BATOU SORRELE	.05	1.85	.04		.15		.10		.22	.52	.05	.05		.03
BUTTE LA ROSE	.54									.53	.11	.95	1.00	1.84
CARVILLE 2 NW	.08		.04		.52		.02		.23	.53	.67	T		.43
FRANKLIN 3 NW	.01	.40	.40	.43	.03	.14	.05		.15	.58	.05	T	.31	.01
JEANETTE FAA AP	.03	.22	.15	1.36	.60	.09	.72	.03	.71	.08	.73	.23		.01
LAFAYETTE	.08		.05	1.40	.25	.01	.20		.20	.17	.42	.10		.95
MORGAN CITY 5 NW									.01					
NEW IBERIA 2 N														
PLAQUEMINE														
09														
SOUTHEAST WSCMO CI														
BOOTHVILLE		1.30	.03		.15	.05	.04		.08		.25			.64
DELTA-BRETON WL REF		.70	1.26	.03		.03	.10		.52	1.10	1.45	.32		.05
DONALDSONVILLE	.34			.72	.92	3.09	.03						.03	.22
GONZALES	.01	T	.02			.42	.03	.28	.70	.85	1.50	T		.02
HOUMA	1.56	1.20	.10	.01	.95	.91	1.83	.54	.34	.67	.51	.33	.02	.31
LOUISIANA NATURE CIR	1.68			.18	.58	.03	1.33	.08	.09	.18	.10	.01		.16
NEW ORLEANS WSCMO CAP	.08					.55				.33	.32			.47
NEW ORLEANS WSCMO CL	.07							1.31	.42	1.33	.32			.15
NEW ORLEANS ALGERS 14	.07		2.00		.60	1.52		.18	.27	.33	.23	.40		.06
NEW ORLEANS O PTER HALL	.08		1.18			.27		.27	.36	.33	.23	.90		.01
NEW ORLEANS CITY S5	.07	1.17	.21			.62		.53	.77	.38	.42	.11		.11
NEW ORLEANS D P S 3	.24	1.10	1.06			.51	.14	2.58	.36	.38	.90	.11		.22
NEW ORLEANS D P S 6			1.05						1.36	.38	.20	.31		.92
NEW ORLEANS D P S 7						.19	.55	.10		.77	1.60	.31		.08
NEW ORLEANS EXP STN	.01	.15	.23	.16		.04		.56	.41	.58	1.55	.19		.90
PARADES	.21		1.60			.22								
RESERVE														
SAINT BERNARD														
THIBODAUX 4 ESE														

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

LOUISIANA
JULY 1982

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL		TOTAL PRECIPITATION
	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL 1 IN ON GROUND	SNOWFALL	1 IN ON GROUND	
LOUISIANA															
NORTHWEST															
BETHANY															
BODCAU FIRE TOWER															
COTTON VALLEY															
GREENWOOD FIRE TOWER															
HOSSTON															
MANSFIELD 3 WSW															
MARTIN FIRE TOWER															
MINDEN FIRE TOWER															
PLAIN DEALING															
RODESSA															
SHREVEPORT WSO AP															
NORTH CENTRAL															
ANTILOCH FIRE TOWER															
BIENVILLE 3 NE															
HOMER EXP STATION															
JONESBORO FIRE TOWER															
MARION															
MONROE FAA AP															
MONROE NLU															
RUSTON-LA TECH UNIV															
SAILES FIRE TOWER															
SPEARSVILLE FIRE TOWER															
WINNFIELD 2 H															
WINONA FIRE TOWER															
NORTHEAST															
EPSS 6 WNW															
LAKE PROVIDENCE															
OAK GROVE 2 WSW															
STEVENSON FIRE TOWER															
TALLULAH															
WINNSBORO															
WEST CENTRAL															
ASHLAND															
CONVERSE															
GORUM FIRE TOWER															
GRAND ECORE															
HODGES GARDENS															
LEESVILLE															
NATCHITOCHES															
CENTRAL															
ALEXANDRIA															
BELAH FIRE TOWER															
BOYCE 3 WNW															
BUNKIE															
OLLA 3 SSW															
OPELOUSAS															
VIDALIA 2															
WOODWORTH 2 SE															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

LOUISIANA
JULY 1982

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL		TOTAL PRECIPITATION
	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL 1 IN ON GO	SNOWFALL	1 IN ON GO	
EAST CENTRAL 06															57.87
SOUTHWEST 07															55.06
DE QUINCY 4 N															43.71
ELIZABETH															43.28
JENNINGS															
LAKE CHARLES WSD AP															
SOUTH CENTRAL 08															
SOUTHEAST 09															

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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LOUISIANA
JULY 1982

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LOUISIANA NORTHWEST COTTON VALLEY	MAX	92	92	94	94	93	93	93	93	91	95	94	95	93	94	94	95	95	93	93	95	97	97	98	92	92	92	94	93	93	96	91	88	93.6
	MIN	70	71	72	72	73	73	73	72	73	71	72	73	70	71	71	72	71	73	74	72	72	72	72	70	70	70	71	74	73	72	72	75	71.8
	MAX	93	93	93	93	94	93	93	93	94	94	92	94	96	93	93	95	95	96	96	97	98	98	96	97	98	95	93	96	93	94	90	91	94.4
	MIN	69	74	74	74	73	72	74	73	71	74	74	71	71	71	72	73	74	74	74	72	74	72	73	72	74	76	70	74	76	70	74	75	72.8
	MAX	92	91	94	94	94	94	94	92	94	93	93	95	93	93	94	95	96	96	97	97	97	98	98	97	95	92	93	94	97	87	90	94.0	
	MIN	69	70	72	73	73	72	73	74	71	72	73	72	71	72	69	70	72	73	73	73	73	73	72	71	72	72	74	74	70	72	75	72.1	
	MAX	90	90	91	91	92	92	91	90	92	93	93	93	93	93	93	94	94	92	94	95	98	97	95	92	92	90	94	93	92	91	90	84	92.4
	MIN	68	70	72	70	70	71	71	69	69	71	69	69	69	69	69	70	70	72	70	70	70	69	69	69	70	70	71	71	70	71	71	71	70.0
	MAX	92	92	92	93	93	93	93	94	91	93	91	92	95	93	94	92	91	92	93	95	98	98	96	97	95	91	94	96	91	94	96	91	93.3
	MIN	70	70	73	72	73	73	74	73	70	72	75	71	72	71	71	72	72	74	72	73	73	72	70	71	71	73	72	71	72	71	72	74	72.1
MAX	91	93	93	93	94	94	93	94	95	95	94	93	92	95	94	94	95	96	96	98	97	98	97	98	94	95	97	92	93	97	85	90	94.0	
MIN	69	75	76	71	74	70	73	73	71	72	74	70	72	71	70	71	75	73	73	73	73	73	71	71	73	74	73	74	73	71	73	74	72.5	
NORTH CENTRAL BIENVILLE 3 NE	MAX	96	95	97	97	96	95	96	98	97	97	97	92	93	94	97	99	98	99	98	95	96	96	92	90	92	95	96	98	85	92	95	95.1	
	MIN	68	71	72	72	72	70	73	72	69	72	72	69	70	71	71	72	72	72	72	72	71	70	68	70	69	69	74	74	68	71	71	70.9	
	MAX	91	92	93	94	95	93	93	92	95	94	95	94	93	94	93	94	93	94	94	97	94	97	94	97	93	91	93	95	91	88	91	93.2	
	MIN	68	70	70	73	73	71	72	72	71	73	74	70	70	70	73	71	73	71	73	71	73	70	72	69	70	70	71	73	74	70	72	73	71.4
	MAX	92	91	92	93	93	93	93	91	93	94	93	93	91	92	93	94	92	93	94	95	96	96	91	91	92	92	91	92	94	96	88	91	93.0
	MIN	68	68	71	72	71	72	71	72	71	72	72	69	69	69	68	69	69	72	73	73	71	71	66	67	70	70	69	73	69	68	72	70.2	
	MAX	91	92	92	92	93	94	91	94	92	96	97	92	94	96	93	92	95	95	96	96	93	95	94	92	92	92	92	92	93	91	91	93.3	
	MIN	68	74	72	76	75	74	74	73	74	74	75	72	72	72	73	72	74	72	74	72	74	72	72	73	72	72	73	72	74	73	72	74.8	
	MAX	90	90	92	94	93	93	93	92	94	93	94	96	92	93	93	93	93	94	95	98	98	93	91	94	92	95	93	95	92	92	93	93.5	
	MIN	68	70	72	74	75	74	75	74	73	74	73	72	72	72	73	72	73	72	73	75	75	71	73	69	71	72	71	73	75	71	72	75	72.5
MAX	94	93	93	95	95	95	95	95	93	96	95	94	95	93	93	93	93	93	93	95	95	97	94	98	95	92	93	95	92	86	91	93.9		
MIN	63	66	70	71	74	71	74	71	74	73	70	73	71	70	71	70	72	69	72	72	69	71	68	70	68	70	70	72	74	70	71	73	70.9	
MAX	93	94	95	94	94	94	92	94	94	95	95	92	94	94	95	96	96	96	96	98	93	97	94	93	90	93	90	94	93	86	92	91	93.4	
MIN	68	70	67	72	71	70	71	70	71	71	73	71	68	71	68	72	68	70	71	71	69	71	67	71	67	70	70	68	71	74	70	71	72	70.2
NORTHEAST BASTROP	MAX	91	95	94	95	95	93	95	93	96	94	94	95	94	96	94	93	94	95	96	97	95	97	98	94	92	93	100	95	93	92	92	94.5	
	MIN	68	73	71	75	77	74	75	74	72	73	76	77	73	72	83	73	74	79	77	72	75	69	71	73	79	74	71	72	75	73	74.0		
	MAX	91	92	93	92	94	93	94	92	95	94	93	94	94	94	94	94	95	95	97	96	97	96	97	96	91	90	92	92	95	90	91	93.5	
	MIN	66	72	71	73	73	72	73	72	72	74	75	71	70	70	70	72	71	72	72	74	70	70	69	71	74	72	73	71	73	73	71.7		
	MAX	93	91	93	94	96	94	93	93	92	93	95	96	92	92	93	91	91	93	92	95	95	94	98	93	90	89	91	95	89	93	93	93.0	
	MIN	68	72	74	75	72	75	73	74	75	72	71	73	74	73	74	72	74	73	74	75	70	75	70	73	74	73	75	71	74	73	72.8		
	MAX	90	91	92	92	93	93	93	93	93	94	94	93	93	93	91	89	92	92	93	93	93	91	93	91	92	88	92	88	91	90	91	91.7	
	MIN	68	72	74	74	75	73	75	71	72	74	75	73	69	73	72	73	73	73	74	70	73	71	72	72	72	74	76	72	74	74	74	72.7	
	MAX	91	91	93	93	93	94	93	92	95	94	93	91	92	90	92	90	92	94	95	94	95	94	94	93	89	90	91	94	91	92	92	92.4	
	MIN	64	68	67	69	70	67	69	68	67	69	71	62	67	68	66	68	67	68	69	70	75	70	72	74	72	73	72	73	72	75	74	69.4	
MAX	92	91	92	94	94	93	93	94	93	95	95	93	94	95	93	94	95	93	94	95	98	92	94	93	94	93	94	93	94	92	93	93.6		
MIN	66	70	71	74	74	72	74	72	71	73	75	73	71	70	71	73	71	70	72	71	69	73	69	73	69	70	74	75	71	73	73	71.9		
WEST CENTRAL ASHLAND	MAX	92	92	93	93	93	93	92	93	95	94	94	93	92	94	93	93	94	93	96	96	98	95	98	95	95	93	88	91	94	95	85	91	93.3
	MIN	68	69	68	69	68	69	70	69	69	70	70	69	69	70	69	68	70	69	69	69	69	69	69	69	70	69	70	71	70	70	69	69.9	
	MAX	93	91	92	92	93	92	93	92	93	93	92	93	95	94	94	93	93	95	95	96	96	97	96	97	95	93	92	95	92	89	90	93.1	
	MIN	67	68	69	72	70	70	71	73	68	71	71	70	70	70	69	70	72	70	70	69	70	70	69	70	70	70	69	71	73	71	73	70.1	
	MAX	93	93	93	94	94	94	94	91	94	94	94	96	93	92	93	92	91	93	93	95	96	93	95	94	94	92	89	95	95	92	93	93.4	
	MIN	67	69	68	70	70	70	72	70	70	70	73	69	70	69	70	69	72	71	72	71	72	72	71	71	72	70	74	72	73	73	70.9		
	MAX	93	93	94	94	94	93	94	93	95	94	95	94	96	96	94	95	94	95	96	98	97	97	96	95	93	90	93	96	93	94	94.3		
	MIN	65	68	67	72	69	69	70	71	68	70	71	68	68	67	70	70	71	73	70	70	70	70	68	70	68	72	70	68	70	72	70	69.9	
	SEE REFERENCE NOTES FOLLOWING STATION INDEX																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
JULY 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAITCHITCHES	MAX	94	94	97	96	97	94	96	94	95	96	97	97	96	95	95	93	90	92	92	94	98	94	96	96	94	95	91	96	94	88	93	94.5
	MIN	69	71	72	74	74	74	74	75	72	73	74	75	72	72	71	72	72	72	72	74	75	74	72	74	73	73	73	74	72	73	74	73.0
	MAX	93	93	94	94	95	94	95	92	94	95	96	96	96	93	94	93	90	93	90	94	96	94	95	95	94	93	97	95	95	94	93	93.6
	MIN	67	68	67	69	69	69	70	68	69	67	71	72	67	67	69	72	72	72	72	72	71	71	72	72	71	71	69	71	74	71	72	72
CENTRAL ALEXANDRIA	MAX	94	92	93	95	93	94	95	95	95	94	95	95	94	95	93	92	92	92	92	95	96	92	95	97	96	94	89	95	93	92	93	93.8
	MIN	69	73	72	75	75	73	75	73	72	74	75	75	70	73	72	73	71	74	73	75	71	74	72	74	73	73	73	76	71	73	74	73.1
	MAX	92	92	95	96	95	96	93	96	93	93	97	98	96	94	93	94	96	95	95	97	100	92	96	96	96	98	90	95	95	93	95	94.9
	MIN	69	65	71	73	72	71	65	70	56	58	61	72	60	67	58	70	73	71	74	70	73	70	72	71	72	71	71	72	73	75	73	68.8
BOYCE 3 WNW	MAX	90	92	94	93	94	93	94	93	95	92	94	94	95	93	91	95	91	92	92	97	93	95	97	96	95	94	95	92	95	91	93.6	
	MIN	69	71	71	75	75	71	66	73	72	74	76	74	67	73	71	72	73	72	71	74	74	71	72	74	63	72	78	70	71	72	72	72.2
	MAX	92	91	94	95	94	95	95	94	93	95	95	95	94	92	93	94	95	95	94	96	94	92	96	97	94	90	97	93	93	75	72.4	
	MIN	67	72	73	73	74	74	71	71	74	75	74	75	70	71	70	73	71	70	73	69	74	74	74	74	73	73	73	75	73	73	75	72.4
GRAND COTEAU	MAX	92	93	94	94	94	93	94	92	92	90	94	94	92	90	92	91	92	92	92	92	91	92	92	92	91	90	93	95	94	90	90	92.3
	MIN	68	72	73	73	73	71	73	72	73	73	73	74	68	73	71	72	71	73	71	73	70	72	74	73	72	72	71	75	73	73	74	72.2
	MAX	93	92	93	94	93	94	92	95	92	94	93	88	90	90	93	92	93	93	93	95	91	93	91	91	92	90	93	92	91	92	91	92.3
	MIN	69	70	72	74	75	76	75	73	70	74	75	70	70	73	73	73	73	73	73	74	72	72	73	73	73	72	73	74	73	74	74	72.9
LSU DEAN LEE EXP STN	MAX	93	91	92	93	92	92	94	93	93	94	92	92	90	91	93	93	91	92	91	94	93	90	93	95	93	91	89	93	92	91	92	92.3
	MIN	68	71	73	74	73	72	73	72	70	72	74	69	73	71	72	71	72	71	74	70	73	72	73	72	73	72	71	73	71	73	74	72.0
	MAX	92	92	93	93	94	94	94	94	94	92	95	94	92	93	91	94	92	93	92	94	91	90	94	91	89	87	92	94	92	94	92	92.4
	MIN	67	72	73	73	74	72	74	72	73	72	74	72	72	72	73	72	73	72	73	74	72	72	74	74	73	73	74	74	75	75	72	72.8
NEW ROADS 5 ESE	MAX	91	92	93	93	94	94	95	94	94	93	94	93	94	93	94	90	95	92	92	92	91	91	93	92	91	90	89	93	92	88	92	92.5
	MIN	67	70	73	73	73	73	74	70	72	73	73	75	68	71	74	70	72	73	73	74	72	73	74	74	72	72	70	73	72	75	75	72.5
	MAX	90	91	91	92	93	93	95	93	93	92	90	92	92	93	93	92	92	92	91	91	92	92	92	92	91	87	93	93	92	89	91	91.8
	MIN	69	70	71	73	73	72	72	72	70	72	71	72	67	68	67	72	71	72	72	72	70	73	68	68	72	71	71	72	71	73	71	71.0
ULLA 3 SSW	MAX	93	92	94	94	94	95	94	92	93	94	95	94	94	93	94	94	95	94	96	97	93	96	93	92	92	92	94	90	90	92	93	93.4
	MIN	67	69	67	72	71	70	70	69	70	70	73	68	69	70	69	68	70	69	68	70	70	69	71	69	71	69	70	70	70	72	72	70.1
	MAX	93	92	95	95	94	95	94	92	92	94	95	94	92	91	93	93	94	94	91	94	95	94	96	97	97	93	89	95	94	93	92	93.6
	MIN	66	66	70	72	71	70	70	68	70	72	71	66	70	70	70	69	69	69	69	70	68	71	70	69	70	69	70	73	68	69	71	69.6
EAST CENTRAL AMITE	MAX	95	93	96	96	95	96	95	94	94	95	92	91	94	91	92	93	93	93	92	93	92	93	94	93	92	93	94	95	96	95	93	93.7
	MIN	67	69	73	74	75	71	73	70	73	71	72	72	72	72	72	72	71	71	73	70	72	74	74	74	72	70	71	73	74	72	75	71.9
	MAX	93	94	95	94	92	93	93	91	91	90	92	92	90	91	86	93	91	91	92	90	91	92	91	92	90	90	93	93	91	90	86	91.4
	MIN	70	75	77	77	74	71	72	71	72	73	73	70	72	73	72	72	72	73	74	71	74	76	75	73	71	72	76	75	74	75	74	73.2
BOGALUSA	MAX	94	92	96	96	95	97	95	95	94	95	93	92	91	92	91	90	93	91	93	92	91	93	95	94	93	91	95	96	95	93	91	93.4
	MIN	70	71	74	74	74	71	72	69	72	71	72	73	70	71	72	71	71	71	73	70	70	70	74	74	72	69	72	74	74	72	73	71.9
	MAX	92	91	94	94	94	93	93	93	94	92	93	92	90	93	91	91	92	92	91	91	91	93	92	92	90	89	94	94	94	93	91	92.1
	MIN	67	69	73	73	73	68	71	68	70	72	74	68	71	71	71	70	70	70	72	69	71	72	74	74	70	71	70	73	70	74	71	71.1
CLINTON 5 SE	MAX	93	96	95	95	95	95	94	92	93	90	93	90	90	90	90	91	90	90	91	91	90	92	94	93	90	94	95	96	95	93	88	92.5
	MIN	68	70	72	73	73	69	70	66	71	71	70	71	70	71	70	73	70	73	70	70	70	72	72	72	71	68	69	72	70	71	74	70.6
	MAX	95	97	97	96	96	93	96	94	95	95	96	92	88	90	91	95	91	95	93	95	93	95	91	92	92	92	96	97	93	88	93.9	
	MIN	67	69	74	74	73	69	70	67	71	68	69	72	69	69	71	68	71	68	69	71	69	71	73	70	67	69	72	71	70	70	70	70.1
FRANKLINTON 3 SW	MAX	92	94	93	94	94	93	94	91	91	92	93	91	91	91	87	89	89	90	92	92	90	93	91	90	92	92	93	94	93	91	91.7	
	MIN	67	69	74	74	74	70	72	69	70	69	71	74	70	71	71	72	73	71	71	71	71	71	73	72	71	69	70	74	74	73	73	71.4
	MAX	93	92	94	95	95	95	94	94	92	92	94	94	91	91	90	92	92	92	93	90	93	91	90	92	92	92	93	93	92	90	92.4	
	MIN	67	72	74	73	74	70	71	68	71	70	72	68	71	71																		

DAILY TEMPERATURES (°F)

LOUISIANA
JULY 1982

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
SOUTHWEST 07 CROWLEY EXP STATION DE QUINCY 4 N DERIDDER ELIZABETH HACKBERRY 8 SSW JENNINGS LAKE CHARLES WSO AP OBERLIN FIRE TOWER ROCKEFELLER WL REFUGE VERMILION LOCK	MAX	91	93	91	92	91	92	92	93	94	93	88	92	95	93	92	92	92	93	88	92	93	91	93	89	92	87	88	94	95	94	88	91.	
	MIN	69	71	73	74	74	73	74	75	72	73	72	73	69	73	78	73	72	72	73	72	74	70	72	74	70	72	71	72	73	73	75	72.	
	MAX	90	94	93	94	93	92	94	94	95	94	91	95	96	93	93	93	90	90	88	94	96	91	92	94	93	94	90	95	96	95	91	93.	
	MIN	68	69	69	70	70	69	72	71	72	71	71	73	67	70	73	74	73	73	73	72	73	72	73	74	70	72	69	71	71	72	73	71.	
	MAX	91	92	93	94	94	94	95	92	92	91	94	94	96	91	92	92	92	89	92	93	94	96	96	91	92	94	91	87	94	94	92	92.	
	MIN	67	69	70	70	70	71	70	70	70	72	72	72	67	69	69	73	73	72	73	72	71	73	72	71	72	71	72	74	71	72	73	70.	
	MAX	93	93	94	94	94	93	94	93	95	93	94	93	96	93	93	92	92	92	91	93	94	95	93	94	95	92	94	87	95	95	94	93	93.
	MIN	66	69	70	70	71	70	72	71	70	71	70	72	68	72	70	72	71	72	72	72	72	69	69	72	73	74	71	72	71	72	73	70.	
	MAX	89	90	89	90	90	89	90	90	90	91	90	89	92	90	89	89	89	91	89	89	91	92	90	91	89	90	89	92	90	94	91	91	90.
	MIN	77	77	78	75	78	79	76	73	73	75	73	72	71	72	76	76	75	76	74	74	73	74	73	75	72	73	74	75	74	73	75	76	74.
SOUTH CENTRAL 08 CARVILLE 2 SW FRANKLIN 3 NW JEANERETTE EXP STN LAFAYETTE FAA AP MORGAN CITY NEW IBERIA 5 NW	MAX	92	92	93	95	94	95	95	92	93	92	91	92	92	91	92	92	95	93	90	91	92	90	91	91	93	90	91	93	94	91	91	90.	
	MIN	70	70	72	73	74	73	73	73	73	71	72	70	70	73	74	74	74	73	74	70	72	74	70	71	71	71	75	74	72	74	74	76	72.
	MAX	91	90	91	90	90	90	90	91	90	90	92	92	91	89	91	90	89	89	92	92	91	91	90	93	92	91	93	94	92	86	90	90.	
	MIN	72	72	74	73	74	74	74	73	74	74	73	74	71	73	74	75	74	75	75	73	72	75	72	71	73	74	73	74	72	72	74	75	73.
	MAX	93	92	92	93	93	93	94	95	95	93	92	95	95	93	92	92	91	89	91	94	92	91	93	93	93	88	94	96	94	90	92	92.	
	MIN	67	71	72	72	72	71	73	72	72	71	72	74	69	69	72	72	71	73	72	72	73	70	73	74	71	72	70	72	74	72	75	71.	
	MAX	94	94	94	94	94	94	95	93	94	93	94	94	94	93	94	94	93	90	92	91	92	91	92	93	93	90	95	91	95	91	95	94.	
	MIN	74	74	75	76	73	75	76	73	74	75	75	74	72	73	74	75	76	74	75	75	72	76	74	73	74	76	76	77	75	77	74	74.	
	MAX	92	93	91	95	93	92	92	93	98	97	93	98	96	89	90	92	91	90	88	90	91	89	90	90	90	89	90	89	90	92	93	93	91.
	MIN	74	70	73	73	72	72	72	72	73	72	72	73	70	70	73	73	75	73	70	72	71	70	73	74	73	74	73	75	74	74	72	71	72.
SOUTHEAST 09 800THVILLE WSCMO CI DELTA-8RETON WL REF DONALDSONVILLE HOUMA LOUISIANA NATURE CTR NEW ORLEANS WSCMO AP N O ADBON WSO CI PARADIS 7 S PLAQUEMINES EXP STN	MAX	91	93	95	95	95	94	93	96	95	90	89	93	94	90	92	91	92	90	92	92	94	91	93	91	92	88	92	94	95	91	89	92.	
	MIN	68	72	74	75	76	72	72	70	75	70	74	74	69	73	75	74	74	74	73	72	74	73	71	73	71	73	72	74	75	70	72	72.	
	MAX	94	94	93	92	92	90	93	92	91	90	92	92	91	90	88	91	94	94	94	92	91	94	93	90	90	90	95	93	90	86	91	91.	
	MIN	71	74	75	75	75	74	74	74	74	75	74	72	73	71	74	74	74	74	72	73	70	73	74	75	72	73	74	75	76	75	74	73.	
	MAX	91	93	93	93	93	91	94	92	92	90	90	92	93	90	90	90	91	92	92	91	91	91	91	93	89	89	93	93	92	91	91	91.	
	MIN	70	71	73	72	71	72	72	72	72	72	72	72	73	72	73	72	72	72	71	72	70	72	73	72	71	71	74	75	73	74	72	71.	
	MAX	91	91	95	95	91	91	89	92	90	93	92	89	88	88	88	87	88	89	89	88	90	89	90	91	91	90	92	93	92	92	92	91.	
	MIN	69	73	79	76	77	75	72	72	74	73	74	73	69	73	74	73	74	73	74	72	73	74	73	74	73	74	73	76	74	75	74	75.	
	MAX	91	91	94	92	92	92	93	92	93	92	90	91	90	91	90	93	91	87	90	88	91	89	90	90	90	91	89	90	92	93	92	92	91.
	MIN	69	69	74	74	74	74	74	73	74	74	74	73	73	72	73	73	73	73	72	73	72	73	74	71	72	73	74	74	73	74	77	73.	
SOUTHWEST 07 CROWLEY EXP STATION DE QUINCY 4 N DERIDDER ELIZABETH HACKBERRY 8 SSW JENNINGS LAKE CHARLES WSO AP OBERLIN FIRE TOWER ROCKEFELLER WL REFUGE VERMILION LOCK	MAX	91	93	91	92	91	92	92	93	94	93	88	92	95	93	92	92	92	93	88	92	93	91	93	89	92	87	88	94	95	94	88	91.	
	MIN	69	71	73	74	74	73	74	75	72	73	72	73	69	73	78	73	72	72	73	72	74	70	72	74	70	72	71	72	73	73	75	72.	
	MAX	90	94	93	94	93	92	94	94	95	94	91	95	96	93	93	93	90	90	88	94	96	91	92	94	93	94	90	95	96	95	91	93.	
	MIN	68	69	69	70	70	69	72	71	72	71	71	73	67	70	73	74	73	73	73	72	73	72	73	74	70	72	69	71	71	72	73	71.	
	MAX	91	92	93	94	94	94	95	92	92	91	94	94	96	91	92	92	92	89	92	93	94	96	96	91	92	94	91	87	94	94	92	92.	
	MIN	67	69	70	70	70	71	70	70	70	72	72	72	67	69	69	73	73	72	73	72	71	73	72	71	72	71	72	74	71	72	73	70.	
	MAX	93	93	94	94	94	93	94	93	95	93	94	93	96	93	93	92	92	92	91	93	94	95	93	94	95	92	94	87	95	95	94	93	93.
	MIN	66	69	70	70	71	70	72	71	70	71	70	72	68	72	70	72	71	72	72	72	72	69	69	72	73	74	71	72	71	72	73	70.	
	MAX	89	90	89	90	90	89	90	90	90	91	90	89	92	90	89	89	89	91	89	89	91	92	90	91	89	90	89	92	90	94	91	91	90.
	MIN	77	77	78	75	78	79	76	73	73	75	73	72	71	72	76	76	75	76	74	74	73	74	73	75	72	73	74	75	74	73	75	76	74.
SOUTH CENTRAL 08 CARVILLE 2 SW FRANKLIN 3 NW JEANERETTE EXP STN LAFAYETTE FAA AP MORGAN CITY NEW IBERIA 5 NW	MAX	92	92	93	95	94	95	95	92	93	92	91	92	92	91	92	92	95	93	90	91	92	90	91	91	93	90	91	93	94	91	91	90.	
	MIN	70	70	72	73	74	73	73	73	73	71	72	70	70	73	74	74	74	73	74	70	72	74	70	71	71	71	75	74	72	74	74	76	72.
	MAX	91	90	91	90	90	90	90	91	90	90	92	92	91	89	91	90	89	89	92	92	91	91	90	93	92	91	93	94	92	86	90	90.	
	MIN	72	72	74	73	74	74	74	73	74	74	73	74	71	73	74	75	74	75	75	73	72	75	72	71	73	74	73	74	72	72	74	75	73.
	MAX	93	92	92	93	93	93	94	95	95	93	92	95	95	93	92	92	91	89	91	94	92	91	93	93	93	88	94	96	94	90	92	92.	
	MIN	67	71	72	72	72	71	73	72	72	71	72	74	69	69	72	72	71	73	72	72	73	70	73	74	71	72	70	72	74	72	75	71.	
	MAX	94	94	94	94	94	94	95	93	94	93	94	94	94	93	94	94	93	90	92	91	92	91	92	93	93	90	95	91	95	91	95	94.	
	MIN	74	74	75	76	73	75	76	73	74	75	75	74	72	73	74	75	76	74	75	75	72	76	74	73	74	76	76	77	75	77	74	74.	
	MAX	92	93	91	95	93	92	92	93	98	97	93	98	96	89	90	92	91	90	88	90	91	89	90	90	90	89	90	89	90	92	93	93	91.
	MIN	74	70	73	73	72	72	72	72	73	72	72	73	70	70	73	73	75	73	70	72	71												

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

LOUISIANA
JULY 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RESERVE	MAX	90	92	92	92	93	94	93	93	92	92	92	92	89	92	93	92	91	92	93	93	93	92	94	92	91	92	91	92	93	93	90	92.2
	MIN	68	74	78	78	78	73	74	72	73	74	73	73	72	72	73	72	72	71	71	71	72	74	75	72	70	71	72	77	77	75	74	73.3
	MAX	93	95	96	97	94	96	94	93	94	93	92	92	91	89	90	91	90	91	90	93	92	92	92	91	92	93	95	94	93	89	87	92.4
	MIN	70	76	78	78	75	75	76	73	70	76	76	76	66	73	71	73	75	74	74	74	74	73	76	74	75	73	72	77	78	76	74	74.2
THIBODAUX 4 ESE	MAX	93	94	94	94	91	93	92	92	91	91	92	90	90	92	91	91	90	90	91	90	91	90	89	91	90	91	95	94	94	93	88	91.6
	MIN	67	72	74	73	69	69	73	72	71	71	73	73	70	70	71	72	72	70	71	71	71	73	73	72	70	71	70	73	72	72	72	71.4

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MONTHLY AND SEASONAL HEATING DEGREE DAYS														LOUISIANA
STATION														JULY
														1982
														SEASONAL
														NORM
														TOTAL
														JUN
														MAY
														APR
														MAR
														FEB
														JAN
														NOV
														OCT
														SEP
														AUG
														JUL
														STATION
LOUISIANA														
NORTHWEST														
COTTON VALLEY														
LOGANSPORT 4 ENE														
LINDEN														
PLAIN DEALING														
RED RIV VALLEY EXP STN														
SHREVEPORT WSO AP														
NORTH CENTRAL														
BIENVILLE 3 NE														
CALHOUN EXP STATION														
HOMER EXP STATION														
MONROE FAA AP														
MONROE NLU														
RUSTON-LA TECH UNIV														
WINNFIELD 2 W														
NORTHEAST														
BASTROP														
LAKE PROVIDENCE														
SAINT JOSEPH EXP STN														
TALLULAH														
WINNSBORO														
WEST CENTRAL														
ASHLAND														
CONVERSE														
LEESVILLE														
MANY														
NATCHITOCHES														
ROSEPINE EXP STATION														
CENTRAL														
ALEXANDRIA														
BELAH FIRE TOWER														
BOYCE 3 WNW														
BUNKIE														
EUNICE														
GRAND COTEAU LOCKS														
JONESVILLE														
LSU DEAN LEE EXP STN														
MELVILLE														
NEW ROADS 5 ESE														
OLD RIVER LOCK														
OLLA 3 SSW														
WOODWORTH 2 SE														
EAST CENTRAL														
AMITE														
BAITON ROUGE WSO AP														
BOGALUSA														
CLINTON 5 SE														
COVINGTON 4 NNW														
FRANKLINTON 3 SW														
HAMMOND 5 E														
LSU 8EN-HUR EXP STN														
SLIDELL WSO														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

LOUISIANA
JULY 1982

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORTH
SOUTHWEST 07														
CROWLEY EXP STATION														
DE QUINCY 4 N	0	0	6	75	113	424	450	392B	191	66	24	0	B 1719	1838
ELIZABETH	0	0	14	103	146	464	499	421	200	95	6	0	1946	1565
HACKBERRY 8 SSW	0	0	11	110	167	475	501	439	186	190	3	0	1941	1449
JENNINGS	0	0	11	83	140	492	439	376	179	61	0	0	1573	1498
LAKE CHARLES WSO AP	0	0	2	83	113	434	445	396	193	77	1	0	1748	
ROCKEFELLER FIRE TOWER	0	0	6	71	118	378	423	368	156	83	0	0	1602	
VERMILION LOCK	0	0	5	87	120	438	452	396B	166	73	3	0	1733	
SOUTH CENTRAL 08														
CARVILLE 2 SW	0	0	3	62	104	327	420	359	154	48	0	0	1399	1508
FRANKLIN 3 NW	0	0	3	80	104	363	420	359	197	53	0	0	1585	1408
JEANERETTE EXP STN	0	0	0	54	123	411	459	361	202	54	0	0	1664	1551
LAFAYETTE FFA AP	0	0	1	47	198	338	395	320	143	44	0	0	1381	1305
MORGAN CITY	0	0	5	75	127	431	443	357	176	50	0	0	1672	
NEW IBERIA 5 NW	0	0	0	43	75	339	396	310	159	50	0	0	1372	
SOUTHEAST 09														
BOOTHVILLE WSCMO CI	0	0	1	71	103	394	403	356	169	48	0	0	1545	
DELTA-BRETTON WL REF	0	0	0	17	63	411	459	361	202	54	0	0	1664	
DONALDSONVILLE	0	0	0	15	123	338	395	320	143	44	0	0	1381	
HOUMA	0	0	1	75	127	431	443	357	176	50	0	0	1672	
LOUISIANA NATURE CTR	0	0	1	49	75	339	396	310	159	50	0	0	1372	
NEW ORLEANS WSCMO AP	0	0	0	36	100	332	365	278	127	29	0	0	1268	1465
NO ADON WSCMO CI	0	0	0	53	95	362	311	222	199	40	0	0	1238	
PARADIS 7 S	0	0	1	53	95	362	320	248	130	30	0	0	1062	
PLAQUEMINES EXP STN	0	0	1	19	60	389	285	320	153	50	0	0	1438	1586
RESERVE	0	0	0	47	107	360	401	320	153	50	0	0	1062	
SAINT BERNARD	0	0	1	45	90	333	324	268	130	34	0	0	1223	
THIBODAUX 4 ESE	0	0	2	44	90	331	341B	268	110	43	0	0	1223	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LOUISIANA
JULY 1982

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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EVAPORATION AND WIND

LOUISIANA
JULY 1982

STATION		DAY OF MONTH																															TOTAL OR AVG	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LOUISIANA NORTHWEST RED RIV VALLEY EXP STN	01																																	
	WIND	30	17	32	30	21	26	26	25	21	17	32	28	12	6	13	30	44	25	24	19	19	15	23	23	17	24	24	12	35	21	22	713	
	EVAP	27	21	28	29	30	29	29	21	25	26	26	23	25	17	24	29	19	26	30	25	30	24	29	25	27	22	22	24	23	6	13	754	
	MAX MIN	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	M M
NORTH CENTRAL CALHOUN EXP STATION	02																																	
	WIND	13	8	21	14	9	15	9	11	10	10	15	16	7	6	10	19	15	8	3	2	11	4	18	17	18	13	15	16	13	18	19	383	
	EVAP	-	21	31	28	26	30	25	25	29	27	32	26	22	26	27	28	21	25	26	25	28	28	44	26	27	27	25	27	16	18	17	806B	
	MAX MIN	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	M M
NORTHEAST SAINT JOSEPH EXP STN	03																																	
	WIND	36	14	23	31	20	29	21	26	26	48	47	73	23	21	27	32	32	33	31	25	12	1	16	7	8	13	16	22	23	26	770		
	EVAP	37	22	26	29	25	20	25	24	34	28	30	20	22	13	26	14	30	28	27	23	-	21	29	24	25	22	18	26	21	21	15	744B	
	MAX MIN	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	M M
EAST CENTRAL LSU BEN-HUR EXP STN	06																																	
	WIND	15	10	11	14	12	14	12	16	14	24	14	20	17	9	13	12	13	8	10	11	10	14	18	16	16	14	12	19	25	26	16	455	
	EVAP	23	25	27	29	27	29	26	25	23	38	28	27	25	21	22	14	25	17	26	19	18	22	23	14	19	13	18	25	32	30	25	735	
	MAX MIN	101 72	104 74	107 80	107 79	105 79	104 78	104 79	103 74	103 75	101 74	104 72	104 76	104 73	101 76	104 77	104 76	104 76	100 76	103 77	101 76	102 76	101 77	101 78	97 78	100 75	88 74	100 75	104 77	103 78	100 79	99 76	101 73	
SOUTHEAST HOUMA	09																																	
	WIND	31	15	12	16	12	14	11	21	20	10	16	15	20	12	19	31	29	18	13	16	23	23	30	26	18	17	18	16	22	23	24	591	
	EVAP	28	19	23	19	19	19	25	-	-	14	15	19	8	-	3	7	39	13	15	17	42	23	9	13	22	-	32	17	36	18	15	589B	
	MAX MIN	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	M M

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES
WIND: IS MEASURED IN MILES
MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

[illegible]

STATION INDEX

LOUISIANA
JULY 1982

[illegible]SEE REFERENCE NOTES FOLLOWING STATION INDEX
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STATION INDEX

LOUISIANA
JULY 1982

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER	
							LOCAL STD TIME					
							TEMP	PRECIP	EVAP	SPECIAL		
							SEE NOTES					
AKNOLINIA FIRE TOWER	69111067	69111067	FELICIANA	30 44	90 59	135		7			H	PERCY E DREHER LA DEPT OF NATURAL RES
OBERRIVER LOCK	693807	693807	ALLENTE COUPE	30 36	92 47	165		13			C	LA SITED CORPS OF PIPE LINE CO
OLD RIVER LOCK	696208	696208	LA SALADRY	31 52	91 40	100		8			C	HARDOLPHS OF MELANGCAN JR
PELOUSAS	697805	697805	ST CHARLES	30 29	92 22	160		16			H	LA DEPT OF NATURAL RESOURCES
PEARL RIVER LOCK 1	709609	709609	ST TAMMANY	30 27	90 26	30		13			H	LEON SANDERS JR
PINE GROVE FIRE TOWER	716106	716106	ST HELER	30 22	90 45	190		7				
PLAIN DEALING	734401	734401	BOSSIER	30 24	90 41	290						
PLAQUEMINES 2 N EXP STN	736608	736608	BERVILLE	30 19	91 14	20		16				DOMY CHEMICALS USA P EXP S
PORT VINCENT	744805	744805	PLAQUEMINES	30 35	91 50	14		16				LA SITED CORPS OF PIPE LINE CO
PORT RIVER VALLEY EXP STN	748506	748506	BATON ROUG	30 22	91 13	15		8			8CG	CIVAN SLOUGH RIVER VLY EXP
RED RIVER	773801	773801	ST JOHN BAPT	30 24	90 33	153		8				GODCHAUCAN EX & FISHERIES
ROBERTSON	776709	776709	ST JOHN BAPT	30 24	90 33	160		8			C	LA SITED CORPS OF PIPE LINE CO
ROCKWELLER WL REFUGE	792200	792200	CADDO	32 24	92 39	200		7				MRS WILM OSBORN
RODESSA	795201	795201	CADDO	32 25	92 40	200		7				
ROSELINE EXP STATION	804604	804604	VERNON	30 57	93 17	235		8			G	LA SITED CORPS OF PIPE LINE CO
RUSTON-FAIRFAX UNIV	806702	806702	VERNON	30 57	93 17	235		13				LA SITED CORPS OF PIPE LINE CO
SAINT BERNARD	809402	809402	VERNON	30 57	93 17	235		17				LA SITED CORPS OF PIPE LINE CO
SAINT FRANCISVILLE	810809	810809	VERNON	30 57	93 17	235		17				LA SITED CORPS OF PIPE LINE CO
SAINT JOSEPH EXP STN	813606	813606	VERNON	30 57	93 17	235		17				LA SITED CORPS OF PIPE LINE CO
SAINT JOSEPH TOWER	816303	816303	VERNON	30 57	93 17	235		17				LA SITED CORPS OF PIPE LINE CO
SHREVEPORT TOWER	840506	840506	VERNON	30 57	93 17	235		17				LA SITED CORPS OF PIPE LINE CO
SHREVEPORT TOWER	842601	842601	VERNON	30 57	93 17	235		17				LA SITED CORPS OF PIPE LINE CO
SHREVEPORT TOWER	844301	844301	VERNON	30 57	93 17	235		17				LA SITED CORPS OF PIPE LINE CO
SHREVEPORT TOWER	844401	844401	VERNON	30 57	93 17	235		17				LA SITED CORPS OF PIPE LINE CO
SIMMESPORT	850705	850705	AVOUELLES	30 59	91 49	50		8			C	MRS CARMEN RATHAL AIS
SLIDERSVILLE FIRE TOWER	853906	853906	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
SPEARSVILLE FIRE TOWER	866801	866801	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
SPEARSVILLE FIRE TOWER	868301	868301	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
SPEARSVILLE FIRE TOWER	871506	871506	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
STEVENSON FIRE TOWER	877502	877502	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
SUGARTOWN	882307	882307	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
SULPHUR	883107	883107	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
TALLULAH 4 ESE	892303	892303	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
THOMAS LOCK	901307	901307	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
VERMILION 2 ESE	931907	931907	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
WATSON 3 ESE	948006	948006	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
WINN 2 ESE	980302	980302	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
WINN 2 ESE	980902	980902	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
WOODWORTH 2 ESE	986503	986503	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS
ZACHARY 2 ESE	993006	993006	UNION	30 54	92 34	100		13			C	MRS CARMEN RATHAL AIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- * Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An x preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
- V Includes total for previous month(s). (See x above)
- // Gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)
- B Adjusted monthly value. (estimated)
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. (1-7 missing values for Wind and Evaporation). M appears alone if 10 or more daily values are missing, (8 or more for Wind and Evaporation).
- R Amounts from recording gage.
- T Trace. An amount too small to measure.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- J Station also published as a Local Climatological Data publication.
- H Observations appear in "Snowfall and Snow on Ground" table.
- MID Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months.
- WI Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

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LOUISIANA - JULY 1982

SPECIAL WEATHER SUMMARY

Dr. Robert A. Muller
State Climatologist
Department of Geography and Anthropology
Louisiana State University
Baton Rouge, LA 70803-4105

July 1982 in Louisiana . . .

Above Normal Rainfall Southeast and Mostly Below Normal Elsewhere

Highlights:

July 1982 mean monthly temperatures are normal to .50° below normal over much of southwest and central Louisiana. The remainder of the State had normal to 2° above normal mean temperatures except for a small portion of southeast and east central Louisiana. Rainfall was 2-6 inches above normal over southeast and the eastern portion of east central Louisiana. The remainder of the State had below normal rainfall except for a couple of areas of normal to 2 inches above normal rainfall.

Analysis of Synoptic Weather Types for July

The overall circulation patterns for July prevented the passage of weak summer cool fronts across the State. Our synoptic weather type evaluation indicates that only three cool fronts entered the State during the month, one on the 12th and 13th, and another on the 23d and 24th, and a final slow-moving frontal system on the 29th through the 31st. Warm and humid maritime tropical air, directly or indirectly from the Gulf of Mexico, persisted over the State most of the time, with southern sections never experiencing any drier continental air during the month. Most of the time, the pressure gradients were so weak that differences among synoptic types were of little significance. The weak pressure gradients also produced very light winds over the State except in the vicinity of showers and thunderstorms.

The preliminary analysis of synoptic weather types over southeastern Louisiana for July 1982, shows the following frequencies, with the 20-year average for 1961-1980 included for comparison. Average frequencies for August are also shown.

SYNOPTIC WEATHER TYPES

	July 1982	1961-80	Aug. 1961-80
Pacific High (PH)	0	0	0
Continental High (CH)	0	6	16
Frontal Overrunning (FOR)	0	3	6
Coastal Return (CR)	37	12	21
Gulf Return (GR)	16	20	16

	July		Aug.
	<u>1982</u>	<u>1961-80</u>	<u>1961-80</u>
Frontal Gulf Return (FGR)	16	7	8
Gulf High (GH)	26	40	26
Gulf Tropical Disturbance (GTD)	5	11	7
Continental Index (CI)	0	9	22
Tropical Index (TI)	100	91	78
Storminess Index (SI)	21	21	21

In synoptic weather type terms, the Coastal Return (CR) frequency of 37% is the highest of the data series, and the Gulf High (GH) frequency of 26% the third lowest of the data series. From one point of view, the light southwesterly winds associated with Gulf High weather were largely replaced by equally weak easterly and southeasterly winds associated with the Coastal Return weather. The Continental Index of zero, and the Tropical Index of 100% occurred three previous times during the data series, with the most recent in 1979. July was not an unusual month in weather-type terms.

JULY 1982 . . .

Temperature:

Mean monthly temperatures were normal to .5° below normal over most of southwest and central Louisiana, and part of southeast and east central Louisiana. Temperatures were normal to 2° above normal elsewhere.

A record low was tied in Baton Rouge on the 26th with 71°. No record highs or lows were tied or broken in Shreveport, Lake Charles, or in New Orleans.

Except for much of southwest and central Louisiana, and parts of southeast and east central Louisiana, more than normal amounts of energy (electricity and gas) were required for cooling during July 1982.

Precipitation:

Rainfall amounts were 2-6 inches above normal over southeast, and the eastern portion of east central Louisiana, where totals ranged from 7-13 inches. An area of normal to 2 inches above normal rainfall occurred from Leesville and Rosepine to Bunkie and Mamou, here totals varied from 5 to 7 inches.

A narrow area of normal to 2 inches above normal rainfall occurred from Shreveport to Winnsboro. Rainfall totals were 3.0 to 5.9 inches.

Rainfall totals elsewhere were normal to 4 inches below normal. Much of northeast, central, and southwest Louisiana had below normal rainfall.

Some Climate Impacts on the Environment . . .

Combined soil moisture (upper and lower layers) at the end of July was above normal over southeast Louisiana, and the eastern half of east central

Louisiana. Soil moisture was also above normal over a small part of the west central and central climate zones from Leesville and Rosepine to Bunkie and Eunice. Another area of near normal to a little above normal soil moisture extended from Shreveport to Bienville to Columbia Locks to Winnsboro.

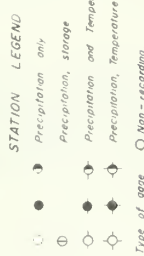
The Mississippi River on the 31st was 15.4 feet in Baton Rouge, which is 5.8 feet above normal. The stage in New Orleans was 4.6 feet, which is 1.1 feet above normal.

Above normal rainfall on north central and northeast Texas produced above average stages on the Red River. The Red River stage at Alexandria on the 31st was 7.8 feet, which is 3.5 feet above normal, and at Shreveport it was 10.8 feet, or about 3.6 feet above normal.

STATUTE MILES

10 0 10 20 30 40

90TH MERIDIAN TIME ZONE



CLIMATE PUBLICATIONS AVAILABLE FROM THE NATIONAL CLIMATIC CENTER, ASHEVILLE, N.C.

COMPARATIVE CLIMATIC DATA

Presents tables of monthly and annual averages, totals or extreme climate conditions for approximately 300 major population centers. This publication is particularly helpful for comparing temperature, rainfall, snowfall, wind velocities, sunshine, cloudiness and relative humidities for the principal cities. The cities are listed alphabetically by state in two sections: observed data and climatological normals. This is an annual publication.

STORM DATA

Monthly issue presents a chronological listing, by states, of occurrences of storms and unusual weather phenomena, together with data on the paths of individual storms, deaths, injuries, and estimated property damage, and a brief narrative description of each event. A new section in the bulletin entitled "OUTSTANDING STORMS OF THE MONTH" highlights severe weather and includes descriptive photographs of storms, their tracks, and analyzed maps. The December issue includes annual summaries of tornadoes and lightning and North Atlantic tropical cyclones.

MONTHLY CLIMATIC DATA FOR THE WORLD

Contains monthly means of temperature, pressure, precipitation, vapor pressure and sunshine for about 2,500 surface data stations worldwide. Also contains monthly mean upper air temperatures, dew point depressions and wind velocities for ten standard levels.

LOCAL CLIMATOLOGICAL DATA

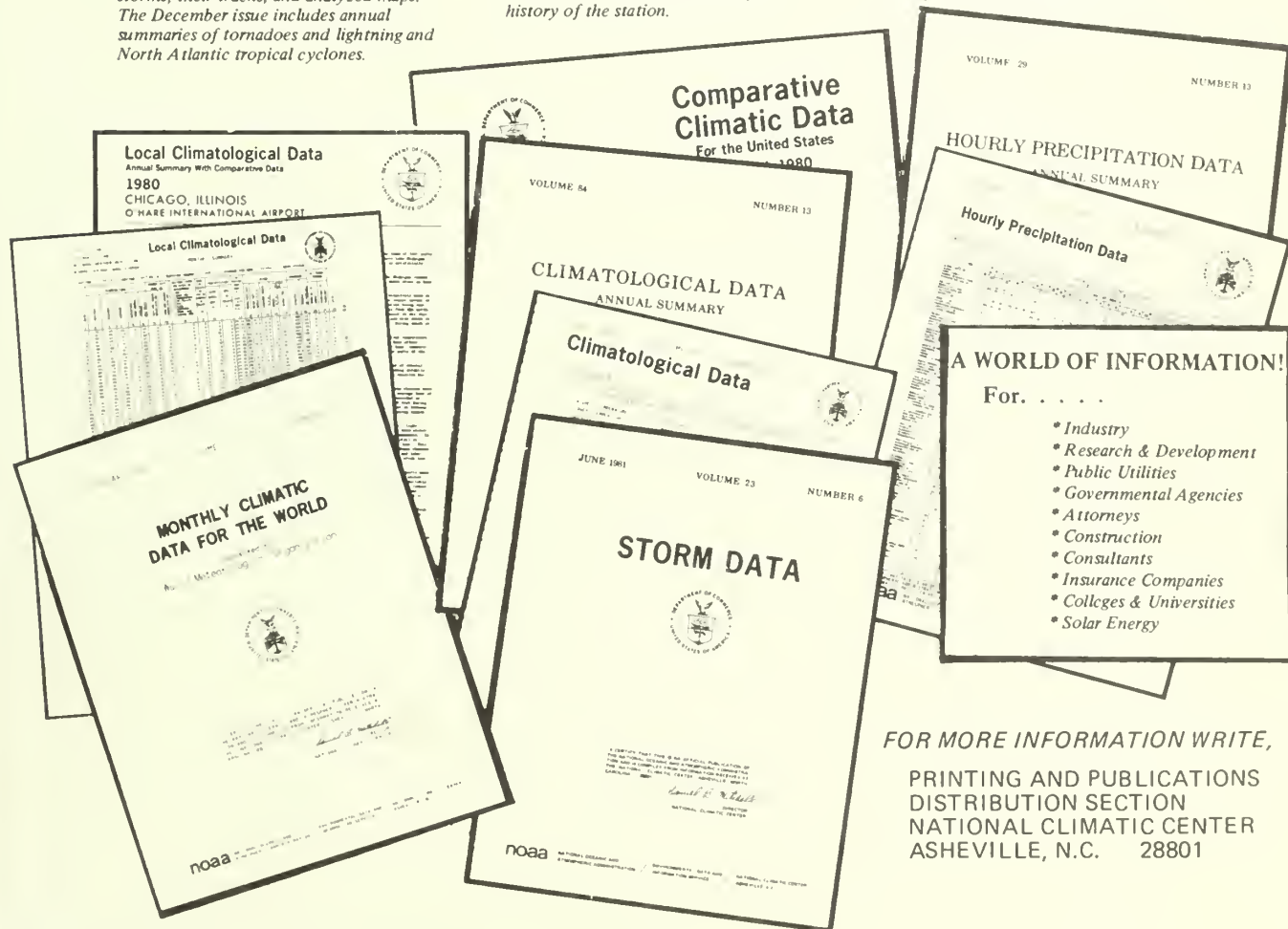
Published monthly for each first-order station. Presents daily maximum and minimum temperatures, degree day data, precipitation, station pressures, wind statistics, sunshine and sky cover data, as well as 3-hourly data for certain parameters. An annual issue is available summarizing monthly data and including up to 40 years record, and featuring a narrative climatological summary and history of the station.

CLIMATOLOGICAL DATA

Published monthly for each state. Gives daily temperature and precipitation records, and monthly averages and totals, with departures from normal when available. Also derived statistics such as heating and cooling degree days, counts of days equaling or exceeding given temperature and precipitation thresholds, extremes, etc., are published for cooperative and first-order stations. Evaporation and soil temperature data are given for reporting stations. Seasonal snowfall, heating and cooling degree day tables included in selected tables. Annual summary also available.

HOURLY PRECIPITATION DATA

Monthly issue presents daily, hourly and maximum short duration data for the recording gage stations for each state except Alaska. The annual issue tabulates monthly and annual totals, and annual maximum precipitation data by selected time categories.



Local Climatological Data
Annual Summary With Comparative Data
1980
CHICAGO, ILLINOIS
O'HARE INTERNATIONAL AIRPORT

Comparative Climatic Data
For the United States
1980

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